







# Tour Scieme by Anne Tenna

Skule 7T7 produced by: Doug Chmara, Lorne Cutler, Mark Czerwinski, Dean Etkin, Scott Ferguson, Greg Fitz, Sir Sanford Flaming, Al 'Flash' Flancman, Mike Garamszeghy, Gary Gilmore, Lorraine Gleeson, Eric Hartwell, Jasmin, Rick Jones, Karen Kennedy, Owen Kurin, Greg Lee, Gerry Mabson, Jim Marko, Sneaky Pete Noble, Poco Paczuski, Doug Pickett, Jim Picknell, Ellen Rochman, Peter Ross, Mark Silver, Claudia Straka, Mary Volpe, Kathy Wells, Rob Yates, Graham Zwideman.

Advertising Educational Aids: Al Kelly, Billy Bailey.

Grad Photographs- Toll Studios: Brian Toll,



### **Dean Etkin**

Once again, the Engineering Society, the Engineering Athletic Association and the L.G.M.B. have planned and carried out a year of splendid extracurricular activities for the benefit of Engineering undergraduates; including this year some 'extras' in the form of participation in various alumni and UPDATE events. The University community repeatedly turns to the students of this faculty when it needs enthusiastic, public-spirited participation (such as building a support for \$6.6 million in real gold bricks!). We are all indebted to those who willingly accept these extra tasks, for adding important extra dimensions to life at 'Skule'.

I hope that as you move to new places and new activities you will retain your connection with your Alma Mater through the Engineering Alumni Association. If you are working in the Toronto area, you may find that your own continuing education (in some form or other, individual or institutional, this is a must!) may well be assisted by the variety of programs that we offer here and at Seneca College.

To those of you who go on to graduate school, here or elsewhere, may your further learning be illuminating; to those who are going on to jobs, may you find them fulfilling; to those still looking for a position, may your search be successful.

To all, my very best wishes.

At the Dean's Beans............
"However, there is one drawback to serving beans..."

to thin

B. Etkin Dean



### **President Jim Picknell**

From the Captain's Log-H.M.C.S. Skule-April '77

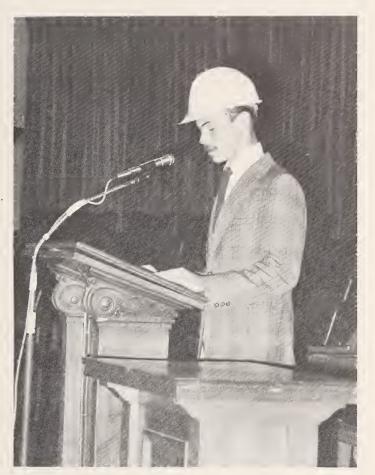
Another eventful year is drawing to a close here at Skule. It has been a good one filled with many events and activities. There are surely some grand memories of such things as Oktoberfest, Cannonball, Skule Nite, Grad Ball, the Slave Auction, the Chariot Race and more. Our Freshman class was ushered in this year with much pomp and ceremony. changes in the orientation program seemed to bring us good results. We have witnessed the start of a rowdy four (or more) years. Of course the image of an engineer as a crude neanderthal man, swinging a club and dragging his woman by the hair is not entirely true. We all know that some engineers are really neanderthal women dragging the males around. Seriously though, some of our extracurricular activities are in a professional vein. The Engineering Society took part in a national conference and hosted a provincial one this year. Engineers made Oktoberfest what it was and Engineers showed that they are socially minded by raising money for the United Way and Shinerama. Our athletes showed their prowess all year and kept the name of Engineering at the forefront of university sports. This yearbook shows a lot of all this and it is sincerely hoped you enjoy it.

If you have been successful in your school work, then the University has achieved its goal. If you got more out of school than an education then you have succeeded. There's more to university life than a skuling, and if you are missing it, you are neglecting an important part of your personal development. Getting involved in the various social activities not only benefits others, but is a favour to yourself.

In closing I wish to congratulate our grads and give best wishes to all those still slogging it out.

Scite et Strenue







### **Genuine Editorial Content**

We are, we are, we are, we are the engineers, For we don't give a damn for any damn man who don't give a damn for us.

This attitude which we get all the frosh enthused about has an appeal because it makes us feel like we are kings of something, technology perhaps, by virtue of understanding it while others do not. Engineering has, in the past seemed to be content with being concerned with the thing, and the users can give a damn if they feel like it.

In recent years however, this has done nothing to improve the public's image of the engineer. Many people seem to live in awe, perhaps even in fear, of the creations of our predecessors and associates-to-be. They live in the shadows of tall buildings, are exposed to the risks and annoyances of such often ill designed products as stoves, cars, clothes, typewriters, and are hooked to the junk that gushes out of their T.V. set, delivered most efficiently by the wonder of thousands of tiny transistors, advanced antennas, and of course technicolor. And that's even without occupational hazards.

This trend has to change, and to some extent it has already. It must be realized that all engineering is for people. In fact, people are the most important part of any engineering work.

Yet no courses are even available within Engineering before fourth year, addressing this matter specifically, let alone as a core course. This matter to me seems especially important, in light of the attitude I have seen in many (by no means all) students in this faculty. They are not just indifferent, but positively unsympathetic toward others who are not necessarily so at ease with our field. In fact, for these people, the attitude that things are easier to understand than people is probably the reason they headed for engineering in the first place. However, there is no reason why we can't und erstand both and especially how the two relate.

I am optimistic that the atmosphere will change. A new course was introduced this year, 'The Social Impact of Technology', which is attempting to deal with the affect we will, could, and should have as engineers. It certainly seems to be an area of concern with the teaching staff, starring such distinguished lecturers as Deans Etkin and Jervis, and ex-Dean Ham, plus people from industry and government. It comes as a surprise however to hear some of these people tell how recently it was that they realized the importance of 'sensitive' engineering. They wished they had discovered sooner, and perhaps will try to emphasize this to their future students. I hope the students will in turn welcome and feel more comfortable with this new point of view.

SLR's at 40 paces.

Many of the local, national and global problems today are complicated combinations of social, economic, medical, environmental and technical matters. Gloomy predictions have been made as to when we will run out of various essentials. Engineers have to play a part in solving these problems, and attempt in bettering our world, not to create new trouble. There's always time to give a damn.

Meanwhile, back to the yearbook, it has been a great experience. The reason is not just the weeks of hard work involved, but meeting all the people who revolve around the Engineering Society, and especially those whose attachment to the Engineering Society through the Yearbook and Toike Oike. In short, a large number of people who do give a damn.

As a photographer for this book, I had a great excuse for going to all kinds of events I would otherwise not have time' for. I was impressed by the co-operation and co-participation of the Nursing students this year in many events where guys and girls can meet in an atmosphere more informal and less demanding than 'The Date'. On the otherhand, our Engineering women continue to be mistaken for Nurses and are alternately hustled, not taken seriously, or totally neglected by their classmates. Come on you guys, there's nothing wrong with 'just' friends. Someday we'll get things straight around here.

We hope you enjoy our efforts on the following pages, and good luck to all.

Graha William

Graham Wideman



# Activities





# May Planning Meeting

On May eighth, the Engineering Society held a "planning" meeting at Hart House Farm. Although only a hardy band of executive and hangers-on were smart enough to come, it was a great success. The beer supply was never quite exhausted, even despite the heroic efforts of Sweve Swigger who wandered off into the unexplored wilds with a friendly tree over his shoulder and a case under his arm. The cat and the Skipper had a sizzling relationship, ideas for capers and the year's events were discussed, and then everyone started drinking. Ellen had two wallbangers and Jim started playing with his weiner and Ellen (at the same time, too!). All those present would like to thank the Women's Committe for doing the cooking.





### **Orientation Day**

The year was kicked off with a rousing welcome from the LGMB, practice cheers and some invigorating speeches....



"I suggest you try the Tuesday \$842.50 special."

Then off to paint the dome

"Hi there, Sailor"



Over to Queens Park for a non demonstration (not organized by the BFC)







Nothing like a few calisthenics, before starting off the day with a bang at New College. Then on to the buses for a trip to......

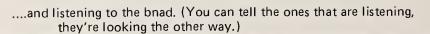
### Hart House Farm

....for some work.....



.....followed by play (doesn't Scott look worried).....











Margo and Liz entertain.....



.....and Bruce signs them for Skule Nite.









Bnad out-Posts Burpee



Jim gets a little carried away.



R.I.P. to Jas and Gerry, who were 3 deep beneath the Great A&W Root Burpee in this picture.









BFC Garage Sale

# THICK IN THE REPORT OF THE PARTY OF THE PART

### **Scavenger Hunt**

Since the Scavenger Hunt was organized by a mythical group (the not-BFC), there is nothing to report, since it could not have happened without some organization and it wasn't so it didn't (the LGMB was there too).



OK, I think we should let Jim out now.



First you dip her in the Shake & Bake...



LGMB lifts and separates.



Let's give her 10 for that pair.





### Frosh Dance

Once upon a time, there was a F!rosh Dance. Some people showed up to it and I suppose they had fun. Fun, fun, fun! Bonnie's hat won. What did it win, you ask? I don't know. How should I know? But she was happy— having acquired fame, glory, attention, a picture in the Toike, several commercial offers, a command performance before the Queen, and obviously, in this case, no money.

What else you ask? How should I know? Oh, we already said that. Crack of Dawn played some music, but not enough. Some guys played hustlers but not enough. And Rob was ejected for can-handling. (See Update Breakfast for further details.)









# **Nurses plus Engineers ...**

Don't these nurses look so nice and dry as they prepare for their orientation "slumber" party? Can't have that, so...











However, later that same night, things were back to normal (?) as we crashed (complete with bnad) the now dry party in the Chem common room. We should note at this point that this year's improved co-participation with the nurses is largely due to the organization and other efforts of Joe and Trish....















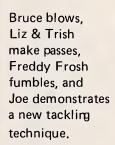
Good night, Bruce



.....and Kim.....and ? etc. etc.



### Nurses vs. **Engineers Football**







### **Shinerama**

They may not "... give a damn for any damn man..." but they sure gave a damn for the kids with C.F.

As usual, the engineers and nurses who turned out to raise money for Cystic Fibrosis research—about 75 in all with a strong showing from the nurses— were met with overcast skies. The turnout was shamefully low for an otherwise spirited F!rosh class like we have this year. Shame! Shame!

What may have been lacking in numbers was not lacking in spirit and enthusiasm. The skies cleared, and soon, with the very welcome assistance of the truckers from the Canadian Van Association, the undaunted shiners were on the streets. Money cans in hands and hard hats on head they proceeded to divest even the most tight fisted Torontonians (and there are a few) of their cumbersome loose change.

We never questioned how they did it. Rumour has it that the come-on lines ranged from "Help give a child the breath of life" to "That's a nice pair o' shoes yu got dere—be a shame if anything was tu happen to 'em." The important thing is they DID do it.

Without a doubt the day was a long one. Supplies and food were delivered, teams and locations were juggled and filled money cans were returned to the Stores for counting. And all the while the air waves were filled with typical C.B. chatter..."Teabag, this is Shinerama net, come on..." or "Heart-break Hotel, drop off your shiners at location 27 and pick up that L.G.M.B. at City Hall and bring 'em home'.

Final tally C.F. Research over \$3000 Casualties none

And then there was the Shinerama wrap-up party courtesy of Labatt's-but that's another story.

-Steve Swigger









And here's the other story...

Take beer for the price of a subway token, free munchies, great music and lots of happy people and mix well to give another successful Shinerama thank-you dance. There the nurses, eager to top the Engineer's beer-bottle medley, kicked up their heels in a chorus line which was well applauded by the chiropractors, and the highlight of the evening was an unrehearsed concert by the L.G.M.B. before the presentation of the fundraising awards. All this for shining a few shoes so keep on shining!





### **Cheering for the Blues**

"Why officer, I just don't know what band you could be talking about."



### Oktoberfest







"Put her there for a triffic job, Joe"

# **Update Breakfast**



How many crazy people would show up on a cold September morning (at 7:00 am. yet) to get a free breakfast and a chance to play in the LGMB? About 3 dozen. Why? For money, obviously. But this was not the case. There was no money, only \$6.6 million in gold, some rolls, coffee, margarine, Tshirts, buttons, some pens, and even a little music, played to appease the Captains of Industry. During the intermission, Frank Shuster attempted to appease the LGMB with a riotous (for that time of the morning) comedy routine, but the band played on. We should mention that Rob was ejected for panhandling.

# **Dr. John's Birthday Party**

Miss Cake 76, Caroline Simons
Captain's Log, Update Oct I/76

After a full summer's work of planning and organizing, Joe got Oktoberfest off the ground. Despite skepticism from SAC and the Varsity he pulled off the biggest campus-









"Let me make one thing perfectly Claire"





wide drunk in recorded history of the U of T. The day began at 1200 hrs and went to 2500, included 2 Oom Pah Pah bands, SAC provided "Shooter", Food Sci ran a food stand, Nursing and others ran gambling and games. Circus type rides were there along with professionally run games, but most people supported the Update student-run part. A big success, a lot of fun and a great drunk! The clean up party was also fun the next day, too.









17







Behind the scenes



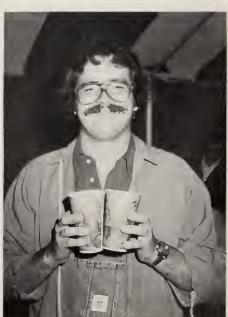






We like to see the smile on your face.





18

### **Bnad Opens CN Tower**





Bnad leaders associate with famous comedian.

On October first, the CN Tower attended the its official Bnad opening, suffering only minor damage in the process. Disguised as a travelling humming band, the LGMB quickly infiltrated the hordes of RCMP heavies, then, holding a quick concert outside, taunted a local imposter band into full retreat.

As the Bnad played on, and on, and on, the onlooking crowd of hundreds began to grow restless. Would the Bnad never finish? What were they waiting for?

After a breathless wait that seemed like hours, a certain well known Prime Minister of Canada made a special guest appearance. He was immediately signed up for a ninety-nine year renewable contract, but without his wife.

Loud applause filled the air as it became apparent that the Bnad was satisfied with this gesture, as opposed to the one it was expecting.

Later that same day, the sun broke through the clouds.

UNIVERSITY OF TORONTO

### **TEXTBOOK STORE**

ENGINEERING textbooks for all courses after first year.

A separate ENGINEERING REFERENCE book section containing new books as they become available from major publishers. All the standard manuals, handbooks, tables etc.

A permanent SALE area including books on technical and other subjects.

Special expanded SCIENTIFIC and TECHNICAL displays each fall for ten days per discipline.

Special orders for any book accepted at no extra charge by phone, mail or in person (Phone Reference Section 978-8716)



THE TEXTBOOK STORE

280 HURON ST M5S 1A6







The annual women's wine and cheese orgy was held in September and approximately eighty women came to meet their fellow colleagues in engineering. An assortment of cheeses and various wines were available. By the end of the evening everyone was in fine spirits, and a good time was had by all.

[Note: The Women's Committe, again, emphatically denies any knowledge of the alleged attack made on our beloved president following this event.]





Allegedly, while in the process of innocently doing an evening's work for the greater glory of "Skule", our Skipper was set upon by eight enraged and drunken members of the Women's Ctte. The poor sailor lost his trousers in the ensuing battle for chastity and only with that degree of embarassment was he left alone. Comments: "More, more, more!"





### **More Blues and Cheering**



Engineering on top as usual

"I was just so surprised that I quite lost my pants."



### **Homecumming**

Organized by ... Jim Burpee (He got stoned and he missed it!)

This year's parade was a tribute to the University's Sasquatch Centennial. However, everyone but us misinterpreted it to be Sesquicentennial, and looked rather odd when they showed up with 150 year old floats. The Engineering float, "A Day in the Life of a Sasquatch at School" was picketed by all 3 members of the SPCA (Sasquatch division), and was disqualified for committing very natural acts in public. The LGMB performed admirably, executing for the first time random Sasquatchian motion.













Why are these men smiling?

Let me show you what our new model can do!

# INTERIOR INT

Kathy-with-a K, Lorraine and socks

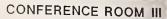
### **Triennial Dinner**

.....and Fashion Show

The Engineering Alumni held a Triennial Dinner at the Inn on the Park, on October 16th. The LGMB was invited to crash, and so it did (and very nicely too.)

Some Diners

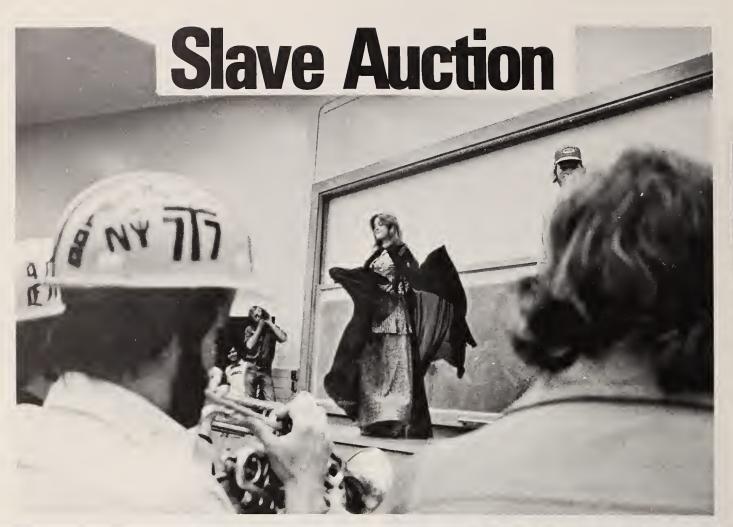
Bob is seen here demonstrating the latest in fall evening attire. This piece is fashioned from a subtle combination of serviette and a new material for this fall-plastic. It is suitable for formal or informal occasions, and with the accessory horn, shown on this style, may also be worn to a traffic jam.



please en











# in Full Colour



If you're not colour blind already, after Oktoberfest etc., imagine that you are. Here is how the Slave Auction in full colour would look to you.

Eric's report...

Organized by: Jim (G. A&W. R.) Burpee Location: Mechanical, NOT Wallberg (again).

Suddenly, before the dust had barely settled, the Slave Auction caught millions of stunned bystanders by surprise. As cries of wonder filled the seething air, the slightly tamed animals watched the strippers do their thing along with the Bnad. Later, all of those suspected of having taken part denied everything except that the Bnad was, as usual, simply superb. And untold hundreds of engineers (male) wandered around for days afterward with a silly grin on their faces.



Fred wanders around with a silly grin on his face. (As usual)



The End



### Sys 370 Soc Hop

SYSTEM 370 SOC HOP/FLOP

On October 29, a cold, wet warm or drizzly day, Gnu Collitch was startled by a non-happening (the LGMB was there too).

Well, really it did happen, but not many people witnessed it. The Soc Hop turned out to be a party for a few lucky people. The group was the Lisa Hartt Band (the LGMB was there too).

There were about 3 marshals to each paying entrant. There was lots of beer, some munchies, Jim's doll, and some dancing (the LGMB was there too).

A good time was had by all (the LGMB was there too).

	SYSTEM	370	Soc	Hop.
ESTIONNAIRE				,

I	PERSONAL INFORMATION: YOUR -
NAM	E: Sir Thomas of Oike
	: indeterminant SEX: Well HAIR: Curly EYES: 2.
HEI	GHT: standing WEIGHT: "til you FACULTY: Lost them all. up?  Tive got
II	PREFERENCE - HIS/HER/NEITHER
NAM	E: Peachy Kean
AGE	: legal SEX: All over HAIR: Wonder EYES: Yes
WET	CHT. L C+ 1 WETCHT. I have a RACHT TV. Faculty of Applied
inci	headache tonight. Apathy
III	GHT: 6ft., too. WEIGHT: I have a FACULTY: Faculty of Applied headache tonight. Apathy answer code: 1 - always 2 - often 3 - sometimes
	4 - rarely 5 - never 6 - it depends
ıv	QUESTIONS:
1.	Do you like etchings? To eat?
2.	Do you like the 45th floor of an office building at 3 in the morning?  What's the cleaning lady like?
3.	Do you prefer mates with horns?
4.	Do you draw Flies?
5.	Do you warm laps?  Before or after?
6.	Are your hands cold? Cold hands,
7.	Are you active?
8.	Do you wear fancy underwear?
٥.	Only where the sun never shines.
9.	Do you like sailors?
	Only under water.

Only sometimes.



Compliments of

### CONTINENTAL CAN COMPANY OF CANADA LIMITED

Continental Can Company of Canada Limited is the largest manufacturer and marketer of packaging in Canada. With headquarters in Toronto, the company has 5,500 employees and twenty-five plants from coast to coast.

The company's packaging activities can be traced back over a century. Its recent history includes diversification into the automotive parts field.

Five segments comprise Continental Can Company of Canada Limited—Bondware/Folding Carton, Corrugated, Metal, Paperboard and Automotive.

### Headquarters:

Continental Court 3080 Yonge Street -Toronto, Ontario M4N 3N1 416 484-3811 P.O. Box 730 Station K Toronto, Ontario M4P 2W8 Telex 02-2336

# Auto Follies

As tradition would have it, the Nth. Annual Car Rally occurred yet again. True to previous form it proved to be a most challenging experience for all participants.

Typical for an event such as this, the organization took quite some time and the final preparations were not completed until 3 am. on the morning of the rally. Undaunted none-the-less, the rally organizers Charles Blum and Alan Flancman managed to arrive out in front of Convocation Hall at the crack of 8:30 am. The first order of business was scrutineering and after all cars

. B. Doherty/M, Morris

2. A. Forrest/C. Harron

. G. Fogliato/M. Morrow

4. T. Maio/K. Semple 5. P. Ledas/C. Widgeny

6. R. Leong/S. Leong

7. J. Nenniger/I. Popig

G. Landa/A. Zielinski
 R. Francis/C. Gray

10. J. Beaton/D. Love

11. C. Willis/E. Boston

12. P. Horn/M. Morris

13. D. Walker/K. Warga

14. D. Hopper/L. Gleeson

15. C. Webber/J. MacDonald

6. J. Rasmussen/D. Stevens

. O. Kurin/E. Rochman

Honda Civic Fiat 128 Mustang II Pinto Fiat 128 Mustang Celica Valiant Capri Volvo 144S Comet Corolla Fiat 128 Malibu Mustang Corolla

Camaro



Model 280 Sedan

## We invite you to find out what makes a Mercedes-Benz a Mercedes-Benz

Whenever automotive experts rank the ten best cars, the name Mercedes-Benz is always prominent. The 280 Sedan incorporates many of the features that have been praised: 4-wheel independent suspension, 4-wheel disc brakes, double overhead camshafts and many significant safety items. We invite you to take a test drive.



Mercedes-Benz

"The best or nothing"

had passed, they lined up in order of their starting positions . . . facing the wrong way! This was soon rectified, the navigators handed an envelope containing certified fool-proof, EASY to follow, guaranteed correct instructions and the cars were sent off on their journey.

In addition to the route instructions, there were a number of easy questions for each team to answer. Strange as it may seem, none of the entrants could count to 89, the number of ties at a railway crossing nor could anyone find telephone pole D5 15. It was only 60 metres into the nearby forest! The rally route took nearly everyone as far east as Stoufville, north to Alliston and west to Hart House Farm. The only exception to this complete voyage was the driver/navigator team of Owen Kurin, the cunning Toike business manager and Ellen Rochman, the redoubtable Social Committee Chairtype, Rumor has it that just outside of Newmarket, Owen's car decided that it had had enough so it found an icy patch of road and rolled over and played dead. Fortunately, no serious injuries were incurred.

In any event, the rest of the entrants continued onward and were treated to a fine assortment of Ontario back roads culminating in one which was unfairly described as a "cow path". Evidently the government doesn't think along the same lines, as they have the topographic maps classify it as a "loose surface, dry weather road". Eventually all the remaining vehicles and crews made it to Hart House Farm where they were treated with a variety of wines, cheeses and nourishment of a carnivorous nature. All together there were 17 starters and 16 finishers led by the team of Brian Doherty and Margaret Morris in a Camaro, and wrapped up with the duo of Jarle Rasmussen and Denise Stevens who, working against all possible advantage, accumulated the incredible total of 2110 penalty points driving their Mustang to a solid last place finish.





Graham's toy springs a leak



### **Cannonball**

The Nth Annual Cannonball, or the first Cannonball 7T7, was held for the first time on January 22 of this same year. Two groups were featured: Stringband returned to the Music Room to sing "Show Us the Length..." and other such musical delights; meanwhile, the Lisa Hartt Band consented to play their dance music for us again in spite of the outstanding turnout on their previous visit.

The highlight of the evening was the crowning of not one, but two, Cannonball Queens, representing Civil and Chemical. This followed the judges' decision to make things difficult for the lady in charge of the proceedings (Ellen, who wishes to remain anonymous, and whose fault it was not). Eng. Sci. did not win the Intercourse Competition this year—Mechanical won by a small margin of only a few hundred percent.

The booze flowed, the LGMBnad played to the cheers of millions, and a good time was had by all.



Do a little dance . . .



Band gives dancers a Hartt time



"I don't know—what do you think it is?"



I just polished my cheeks this morning





### Chariot Race

They're at the post, they're off... It's electrical at the start pushing into a quick third position..... mechanical, swamped by hordes of screaming blockers, sneaks into the lead..... meanwhile the inconspicuous industrial entry (running in reverse) wamps its way into second place....and the rest was his-tree. That is to say, besides the bone crunching fun of trying to stop the various chariots, which included waylaying the pulling parties by any means available, becoming one of the mercenary breed by joining in with a foreign chariot, or draging oneself under the opposition's machine, it was a relatively peaceful afternoon. Mechanical hung on to first, industrial came in second, and electrical hobbled in for the third spot. All in all, with the snow falling and flying about, and the super chill in the air, it was Flun to participate in and spectate around.





The Cannonizing cerimony; to start the spectacle.





Poco's pull toy. It was third, but it tried harder.



A typical two chariot, ten body pile-up.







Is it soup yet?

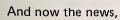




# SKULE







"Skule Nite Show Super Success"

The members of Skule Nite would like to express their "direct" thanks to Jim Podolak and to the productive Bruce Dodds for their many hours of hard work spent in making this year's show one of the best ever. None of the members are from Buffalo.











On the 11th of February, students and staff were greeted with a warm welcome from the Sir Sandford Flaming building. The fire had burned already for about seven hours when classes were scheduled to start and was still in progress, so the day had to be cancelled. A great deal of damage was done, chaos caused, and the usual crowd of instant experts gathered outside to watch and tell stories.

We were all saddened by the loss of much of the old building, and especially for those who lost material for theses, manuscripts and tapes, representing for some perhaps decades of work. Also, many irreplaceable documents were lost, including part of the Engineering Society Archives.

# **Sesquicentennial Fire Sale**









Compliments of



PARAMOUNT PICTURES CORPORATION (CANADA) LTD.

ONE YONGE STREET TORONTO, ONTARIO

#### CRANE PACKING

423 Green Road, Stoney Creek, Ont. 961-8211



**COMPLIMENTS OF** 

PITTS ENGINEERING
CONSTRUCTION
LIMITED

Best Wishes From

# ONTARIO ELECTRICAL CONSTRUCTION

494 King Street East, Toronto, Ontario Phone: 363-5741



### BESTEEL LIMITED



CUSTOM FORM ROLLING – CUSTOM FABRICATING OPEN WEB STEEL JOISTS – WELDED WIRE MESH

**ERECTORS & FABRICATORS OF STRUCTURAL STEEL** 

Specializing in

SHORT SPAN & LONG SPAN STEEL JOISTS

454-1330

30 KENNEDY S BRAMPTON



## **Engineering Alumni Association**

This organization, which traces its roots back to the 1890's, exists to support the Faculty and the University, to develop and maintain high standards in professional competence and usefulness, to promote help and fellowship among members and with undergraduates, and to co-operate in furthering engineering education. This latter includes major financial support (scholarships, bursaries and awards) and recognition of worthy men and women who enter and continue in engineering courses at Toronto.

A total membership list shows 19,000, of whom 17,000 are still living. The Association maintains an enviable contact with its members through regular publications and reunion events.

Upon graduation, you become a member of the Association, an organization most worthy of your support.

Scite et Strenue

Compliments of

## D. V. Group Ltd.

55 Idema St. Unionville Ontario 495-5225

Compliments of

# Primeau Argo Block Co. Ltd.

170 Brockport Drive.

#### HIGH PRESSURE STEAM CLEANING

REMOVES
GREASE - GRIME - MILDEW
OIL - TAR - BUNKER FUEL
FUNGUS - LOOSE PAINT
SMOKE DAMAGE - ETC.

PARTIAL LIST OF SERVICES DE-ODORIZING - DE-FUMING DE-ICING

3 YOUNGMILL DR OFFICE HOURS: 8 AM - 5 PM MON - FRI

#### COMMERCIAL

- · RESTAURANTS KITCHENS EXHAUST SYSTEMS SERVICE STNS
- COILS OF ALL TYPES
  SIDEWALKS
  ENTRANCES GRANITE
  POLISHED GRANITE SANDSTONE

GARBAGE SHUTES

HIGH PRESSURE WASH AND ENZYME CLEANING

#### INDUSTRIAL

INTERIOR - EXTERIOR CEILINGS - WALLS - FLOORS MACHINERY INDUSTRIAL TRUCKS HEAYY EQUIPMENT HEAY EXCHANGERS EXHAUST SYSTEMS CRANES
PRINTING PRESSES
CONSTRUCTION EQUIPMENT DRAINS

> WE CLEAN ANYTHING -ANYWHERE ANYTIME IN ONTARIO

WE'RE MOBILE 24 HRS - 7 DAY SERVICE



It takes energy to manufacture sewer pipe. But it takes a great deal more energy to make plastic pipe as compared to clay pipe.\* Think about it! Plastics have a thousand applications in industry, homes, schools, hospitals. Let's use energy wisely. NSP Vitrified Čĺay Sewer Pipe, made with at least 50% less energy consumption than plastic pipe, does the and lasts for generations underground. It's your decision for the futurewill still be here.

> \*ENERGY CONSUMPTION EXTRA STRENGTH CLAY SEWER PIPE VS. EQUIVALENT PLASTIC SEWER PIPE

72h

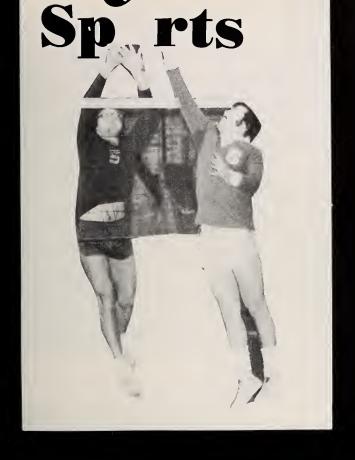
National Sewer Pipe Limited P.O. Box 1800 Oakville, Ontario, Canada

	Total Process Energy Per Foot of	Pipe*
	EXTRA STRENGTH	PVC
		PLASTIC
	CSA A 60 ASTM C700	ASTM D2241 PVC SDR32-5
	ASIM C/UU	PVC SURJZ-0
Pipe Size	Kilowatt	Samuel Services
Inches	B.T.U. Hrs.	B.T.U
4	29220	AR150

	3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	A STATE OF THE STA		assessed in	-18-30-00-00-00-00-00-00-00-00-00-00-00-00-	THE BURE OF STREET, SHIPTER STREET		Hillille F.
	20-6.		THE RESERVE OF THE PARTY OF THE	DEC 1981 - 1988 31	COSCIONIO DE CONTROL	SON CONTRACTOR STORY		
	4	23220		6.80		46150	13.5	
	** ***********************************	CULCU		0.00		40100	1 W W	
	*26562.3%.265.60	- 59m - 1mg/30	Control State Control State Control	SACTORNAL CONTRACTOR	SAVE STANSON AND AND	CASH DONE OF THE PROPERTY OF THE PARTY OF TH	CONTRACTOR MARKETING	SELECTION OF THE PARTY OF THE P
	6	39990		11.72		99400	29.1	P
	O to the second	20000		141. F 4.		20700	****	
	A TOWNS CONTRACT	co. see . Charles	e de l'anneau de la company de	SALES MANAGEMENT OF THE SALES O	ACCIDING TO SHARES	STRUCTURE PROPERTY.	CONTRACTOR HOLD STORY	ENGINEERS.
	8	72240		21.17		170400	49.9	
	0	16640		2811		170400	<b>+3</b> 0	
		60 m 93 0340 m 40 m 320 m 33	2000 - 100 - 100 A 100 A 100 A	PROFESSION STATE OF THE PROFESSION OF THE PROFES	DANAGE TO FOR STREET STREET, S		CONTRACTOR OF THE PART OF THE	9020000000
	10	98040		28 73		266250	78.0	
	10	30040		co (a)		200200	10.4	
	3 (2007) 20 20 20 20 20 20 20 20 20 20 20 20 20	440 ***********************************	100 - 1 - 100 - 10	edecologists and college process		AND THE PROPERTY OF THE PARTY O	THE STATE OF THE S	CAPTO GALLO
	13	147060		12.00	W	277200	110.30	
	12	147000		43.09		376300	CIW, JI	
10.	**************************************	1004 1100 h Jaze		The straightfully	on the Sand Allerton St. St. St. Male s.	Carlotte and the Control of the Cont	STANDARD CONTRACTOR OF THE STANDARD CONTRACTOR O	00000000000000000000000000000000000000

<sup>\*</sup> NOTE: Supporting data available on request from NSP

Kilowatt





Mark Silver Yer Roamin' Sports Ed.

#### PRESIDENT'S MESSAGE

As holds true for any successful venture, participation is a very important key. Back in 1967, the Engineering Centennial Tournaments for touch football, soccer, basketball, volleyball, hockey and waterpolo were established for the specific purpose of giving the frosh classes the opportunity to participate in the Skule Spirit. The tournaments were later expanded to allow all classes and departments to participate. This program has enabled the Engineering Faculty to extend its participation in the university interfaculty and intramural programs to over fifty teams and about one thousand participants.

This year, the frosh were playing important roles in football, soccer, hockey, basketball, waterpolo, track and field and the championship rugger team. In the Engineering tournaments, frosh teams participated in soccer and volleyball, even defeating a certain fourth year team 11-0 to win the waterpolo tournament. Was this going too far? Perhaps so, but it is the key to the continued excellence of Engineering teams. And in four years, (or whenever) may another frosh team do the same.



John Mackasey
President
Men's Athletic Association



This football season was one of the most successful in living memory (Wayne Maddever's that is). Their record for the season was 2-4 which was sufficient to take the engineers into the playoffs. Unfortunately several injuries overcame the team and their Mulock Cup hopes died when they were defeated in a hard fought semi-final game against St. Michael's College.

Glen Rosborough, injured Blues footballer, who took over coaching the skule football team after their first game, provided the leadership that the skule team has been without for many years. He must be credited with having a superb rookie year as coach of the skule team. Jim Reininger made it four years in a row as MVP, as he once again received the Phene Memorial Trophy.











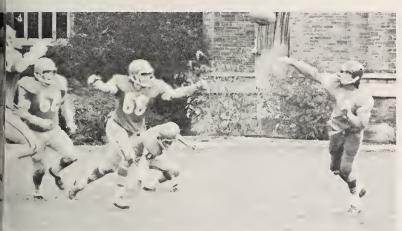
FRONT ROW; Dave Egan, Lorne Skelton, Tony Massella, Albert Wong, Jay Reidy, Dave Robson, Jean-Marc Belanger, Bernie Thompson, John Medal.

SECOND ROW; Brian Doherty, Stuart Ferrie, Charles Ramsey, Mike Savage, Wayne Maddever.

BACK ROW; Glen Rosborough(coach), Brian Cann, Kevin Burn, Ted Symanski, Greg Osadetz, Fred Doza, Jim Reininger, Paul Lietch, Chuck Lilley, Rick Klestinec, Jim Renahan, Bob Hill, Jim Warden, Dave Zing, Tom Maruya, Sunil Tarneia. Ken Mehi. Rick Marks, Casey Bartusevicius(Manager).





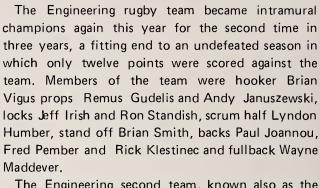








# Rugger



The Engineering second team, known also as the Barnacles, narrowly missed a playoff spot and showed tremendous improvement throughout the year. Their showing was especially remarkable when one considers that only five members of the team had any rugby experience of note. The team consisted of props Alf Stutzamann, Dave Robson and Kasey Bartusevicius, hooker Jim Bouroukis, locks Dave Egan, Jay Reidy and Jim Reininger, scrum half Dave McAlpine, standoff Dave Hobbs and backs Simon Dodge, Steve Tower and Craig Webster.

Although a number of players will be lost through graduation, the strength and depth shown by both teams, indicates that Engineering will continue to be a rugby power at U. of T. (Now if we can only make a few more football players see the light !!)





#### SENIOR RUGBY TEAM

FRONT ROW: Brian 'O. J.' Smith, Wayne Maddever, Brian Vigus, Fred Pember, Jeff Irish SECOND ROW: Rick Klestinec, Paul Toannou, Remus Gudelis, Ron Standish, Lyndon Humber, Andy Januszewski.







#### BARNACLES (Arrrrrrrrrrrrrrrrrr)

FRONT ROW: Dave Hobbs, Jay Reidy, Jim Bouroukis, A. Nonymous, Dave McAlpine.

BACK ROW: Craig Webster, Dave Robson, Dave Egan, Alf Stutzmann, Steve Tower, Simon Dodge.

ABSENT: Casey B., Jim Rieninger.







#### SENIOR SOCCER TEAM

SITTING: Glenn Pringle, John Mackasey, Seton Chase, Max Steiner, Peter Ristevski. STANDING: Colin Stuart, David Yee, John Gill, Andy Kirk, Keith Francis, Chris

Gotsis.
BACK: Aly Bassit, Sam Hanafy.
ABSENT: Warren Eberlein.



### **Lacrosse**

This year was not an extremely successful one for the lacrosse team, which finished fifth in the six team First Division, with a 1-9 record. Only three players remained from last year's playoff club, goal tender Jay Reidy and forwards Dave Robson and Angie Bacopoulous. The team ran into early trouble when Bacopoulous came down with pneumonia after the third game and was finished for the year. An injury to newcomer Mike London, a few games later further hampered the team's chances, as well as a nagging ankle injury suffered by Robson (an injured knee forced Robson to miss the team's last three games.) Good efforts from Don Linton (who with Reidy was the only player to play all ten games), Bruce Easterbrook, Mark Gray, Roger Roney and Dale McNeil, resulted in some close games. But being badly outnumbered, the team did not fare well.

The team's chances may be better for next year, as only Reidy and Robson stand to graduate. However, a replacement must be found for goaltender Reidy, this year's most valuable player, if the team is to do better.

## Soccer

This year's soccer team, despite being the best in three years, ran into bad luck against the teams of Scarborough and Erindale, ending up in third place, one point out of the playoffs. The team won both games against St. Mike's, but were held to a tie and a loss against each suburban team.

The forward line of Warren Eberlein, Andy Kirk and Glen Pringle, plus the midfield corps of MVP winner Aly Bassit, Peter Ristevski and Chris Gotsis displayed the offensive power that had been missing for the past two years. Despite some injuries, the backfield of David Yee, John Gill, Max Steiner, Seton Chase, Colin Stuart and John Mackasey provided a wall for goalkeeper Keith Francis, who only allowed nine goals in those six games.









#### SENIOR BASKETBALL



This year, the engineers once again entered a powerful squad in the first division of interfaculty basketball. Heading towards their final game of the season, they now sport a 12-2 win-loss record, and they are assured of a playoff berth.

Fine teamwork by John Carlo, Chris Tuepah and Casey Bartuvesicius (who incidentally were all on the all-star team), and guards such as Ray Kopiac and Derek Batty provided the necessary power which has made Skule a perennially formidable team. Other 'vets' on the team were Rick 'Rhino' Klestinec, John George, and Chris Mifflin. The talented rookies were Steve Bobrowick, Greg Sevick and A. Valickos. We wish Skule the best of luck in the playoffs and hopefully the championship will be ours again.

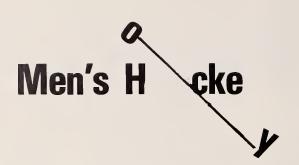
#### JUNIOR BASKETBALL

The Juniors had another successful season as they once again trounced their way to the playoffs. Unfortunately, all hopes of gaining the championship faded away when they were defeated by Innis College (coached by Phyto Harris, an Engineer of course) in a very close game with a controversial ending reminiscent of a United States-Russia basketball classic some years back.

Team members were: Angie Bacopoulos, John Medal, Elio Flacalanza, Ed Kuratczyk, Peter Horvath, Don Linton, Bernie Amiel, Don Leamy, Ray Spence, Peter Suppa, and Andy Januszewski.

Better luck next year, guys.





#### SENIOR HOCKEY

This year's Senior Engineering Hockey Team, coached by Jim Moum, had an abundance of talent. The only thing holding them back was lack of practice, and a few injuries to boot. However, even this did not seemto be able to stop the senior Skulemen as they recently pirrouetted their way around first place Scarborough College by a score of 5-1.

Fine efforts by Ken Kryklywy, Scott Gibson and Mike Bombala (who all made the all-star team) have helped earn the Engineers a playoff spot. Goalies Kirk Nesbitt and Mike Bombala worked behind a strong defence provided by captain Bill Milroy, sTim Bolton, Ken Kryklywy, Mike Fyedora and Dave Mitchelson. Centres Bob Russell and Scott Gibson collaborated with Andy Olbrycht, Roy Gibson, Tom Halpenny and Jamie Deluce in their prolific goalscoring campaigns.





#### SENIOR HOCKEY

1st Row: Jamie Deluce, Mike Fyedora, Mike Bombala, Ken Kryklywy, Dave Mitchelson.

2nd Row: Roy Gibson, Scott Gibson, Andy Olbrycht, Bill Milroy, Tim Bolton, Bob Russell, Tom Halpenny.

3rd Row: Jim Moum (coach). Absent: Kirk Nesbitt.





JUNIOR HOCKEY

(Not in order) Charles Ramsey, Bernie Treidl, Jay Reidy (player-coach), Peter Wolfl, John Bate, Brian Laughton, Rick Chorkawy, Robert Olbrycht, Michel Roy.

ABSENT: Bob Richards, Doug Fehr, Nick Stark, Steve Annesley, Bob Williams, Dave Salari, Bruce Easterbrook.

#### JUNIOR HOCKEY

The junior hockey team is flying high again this season as they now have clinched first place in the IIA division. With only two losses against seven wins and two ties, goalies Jay Reidy (also coach) and Nick Stark now have four shut-outs between them. This superb team record can be attributed to fine defensive play by rookies Bruce Easterbrook, Steve Annesley, Michel Roy, and Brian Laughton. Of course the opponents also had to contend with the three powerful lines of Williams-Ramsey-Bate, Fehr-Chorkawy, and Treidl-Richards-Olbrycht.We wish the skulemen the best of luck in the playoffs.

# Women's Hockey

Team morale was consistently high, the turnouts always impressive and the games very hard fought. However, the Skule Skaters were unable to put it all together and come up with a win all season. The high goal scorers were Shootin' Sharon Cross and Speedy Sandy Cooperthwaite. The girls can't be entirely blamed for their misfor-Ttunes, however, as they had to compete against the potent Phys.Ed., Fac.Ed., and Pharmacy teams in the Recreational Division. Special thanks should go to the coaches Louis Auger, John Mackasey and Bill Cocchio. Better luck next year, girls!





FRONT ROW: Sandy Cooperthwaite, Claire Galvin, Ines Popig, Ilona Bubelis, Sue Salari, Mira Miller, Dawn Love.

BACK ROW: Louis Auger (coach), Karen Kennedy, Anne Zielinski, Cheryl Gibson, Sharon Cross, John Mackasey, Bill Cocchio (coaches).





#### WOMEN'S BASKETBALL

1st Row: Karen Kennedy, Anne Zielinski.

2nd Row: Barb Zdasiuk, Julie Tingarova, Rowena Melcher. 3rd Row: HonaBubelis, Pat Murray.

Debbie Anthony, Valerie Welesnicki, Claire Galvin,

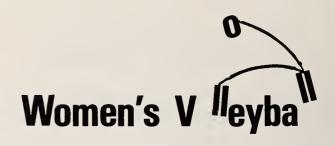
Barb Shykoff.

Coaches: Derek Batty, Chris Mifflin.

## Women's Basketball

The Women's Basketball team displayed a marked improvement over last season as they dribbled their way into the division playoffs. With Heidi Breslauer playing on the Varsity basketball team, veterans such as Karen Kennedy, Rowena Melcher, Anne Zielinski, Debbie Anthony and Ilona Bubelis had their work cut out for them, but they clearly demonstrated just how much depth this team possesses. Of course the diligent coaching of Derek Batty and Chris Mifflin was instrumental for this team's success.

Good luck in the playoffs.



The Women's Volleyball Team, under the critical eye of ubiquitous Alex Pochmusky, have shown their perennial strength by advancing once again to the division playoffs. With the girls' unflappable morale, good turnouts, and superb talent, they hopefully should find little trouble in spiking their way to the Rec Division championship. Don't let anything stop you, girls!







WOMEN'S VOLLEYBALL

Pat Murray, Ines Popig, Rowena Melcher. 1st Row: Debbie Bartolini, Sharon Cross, Alex Pochmursky (coach), 2nd Row: Livia Cesario, Dawn Love, Anne Zielinski, Julie Tingarova,

Barb Shykoff, Karen Kennedy, Ilona Bubelis.

Absent:

Heidi Breslauer, Valerie Welesnicki.

# Men's Volleyball

The engineers have once again shown their great depth by entering three volleyball teams in the interfaculty league. The first team finished third in Division I. Having been plagued by injuries and other minor calamities, the team was only left with three members, and it was necessary to recruit players from the second and third teams in order to stay in the playoffs.

The second team, under the coaching of Mike Hantzsch, is currently headed for the quarter final round of the consolation playoffs. With the pinpoint setting of Ang Bacopoulos and Gearge King, and the explosive spiking of Don Linton and Brian Lim, they should have little problem in reaching the finals, and hopefully the consolation championship.

The third team had less luck (and Alex more headaches), as they were eliminated in the first round of the playoffs in a game against Architecture. Members are: Peter Svilans (captain), Gerry Giffin, Dave Egan, Chris Thurgood, Kevin MacLean, Dave Walker, Mike Savage, Roger Ranieri, Bruce Sellars, John Nenniger, Mark Silver, and Mark McGaw.



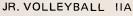


SENIOR VOLLEYBALL

1st Row: Jim Antonopoulos, Mike Hantzsch, Chris Tuepah.

2nd Row: Alex Pochmursky (coach), John Kita, John DiGiambattista.

Absent: Renato Taconelli.



1st Row: Angie Bacopoulos, George King,

Peter Wolfl, Brian Llm.

2nd Row: Paul Gri, Don Linton, Thomas

Selinowicz, Doug Barbour, Peter Svilans, Mike Hantzsch.

Absent: Ararat Hecetoglu.







ENGINEERING BROOMBALL

1st Row: John Nenninger, Claire Galvin.

2nd row: Barb Ham, Arthur Ham, Kevin MacLean,

A.Nonymous.

#### **BROOMBALL**

Every Sunday evening for the past five months, John and Claire, Barb and Arthur, Kevin and company have been getting together for some broomball (without the Molson's). Broomball is similar to hockey in that the rules are exactly the same, except that brooms and hollow balls take the place of sticks and puck. It has the advantage that you can hit the opponent on the head as hard as you want 'cause he probably won't feel it anyway. Of course, all your violent tendencies should be curbed, as this is also a co-ed sport, unless you enjoy hitting women, but that's another story altogether.

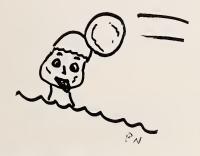
This year the engineers sport a 4-11 record as they had troubles after the Christmas break and couldn't win a game after that. However, they're in the playoffs, so we wish them the best of luck.

Next year, we would like to see more people give up a few evenings of Walt Disney and come on down to Varsity and join in on the fun. You won't regret it!



ENGINEERING 'A' SQUASH TEAM

John Nenninger, Kevin MacLean



#### **ENGINEERING WATERPOLO**

The Engineering water polo season has progressed well with a playoff berth in sight for the team. After last year's third place finish, the team displays both the experience of the seasoned veterans and the youthful exuberance and talent of freshmen Geoff Brown, Richard Hooper and Cameron Serles. With one game to go, our record stands at 2 wins, 1 tie (against last year's champs, Law) and a loss. The Annual Inter-class tournament provided thrills for many as the freshman Group C/D team took first place leaving fourth-year Chemical with second.







ENGINEERING WATERPOLO TEAM

#### **ENGINEERING HOCKEY TOURNAMENT**

It was Sunday afternoon, February 13, and as the ashes of Sandford Fleming were settling on the roof of Varsity Arena, a more important event was taking place underneath. It was the n!th Engineering Hockey Tournament. This year all departments entered a team except Geological. Obviously this "helped" scheduling as now seven teams were to play each other in the first round. Somehow, (and noone to this day can figure out exactly how,) Industrial was chosen to play by itself in the third round. That being done quite efficiently, they went on to beat Engineering Science, who had beaten Metallurgy 3-0 in the first round. Meanwhile, Mechanical demolished Civil and Chem overloaded Electrical, but the Civy's came up the winner in the second round. This only left Mechanical who played two games and Industrial with only one game.

Well, Jim Burpee didn't want to take any chances. Refueling between games with pizza and beer, his condition was constantly maintained at its peak. This program paid off well, as the game ended in a 2-2 tie, and penalty shots would have to determine the victor. Of course, Jim kicked out three consecutive shots which gave the Mechs a chance to score the winning goal. Move over, Rogie!

Some Moons Galileo didn't discover.

Would you mind throwing me my rubber ducky?

# **Aquatics**

It was a cold, damp November evening when deep in the bowels of an ancient wing of an ancient edifice, a medley of mercurial macho mooners mutilated, massacred, mesmerized and merrily made minced meat of all those who opposed them.

It was time once again for the annual interfaculty swim meet at the Hart House Pool. This year, without the ever powerful Phys. Ed. contingency present, the skilled Skins skewered Victoria and Trinity Colleges by a score of 84-61-33 respectively. Meds, Erindale and Forestry unfortunately suffered very poor turnouts, and subsequently very poor scores.

Being a well stocked team with three members also on the Varsity team (Cap'n Bill Chisholm, geumpin' Geoff Brown, and Joe Wright), the Skulemen effortlessly took five out of seven heats, along with a few interfac records to boot. Special mention goes to our breastmen Rob Mitchelli and Nick Temple, those mean medly men Henry Vehovec, Richard Hooper and Dave Rudniski, Tim Maryou who did a lot of stroking on his back, and of course Bruce Sellers and Frank Kemeny.

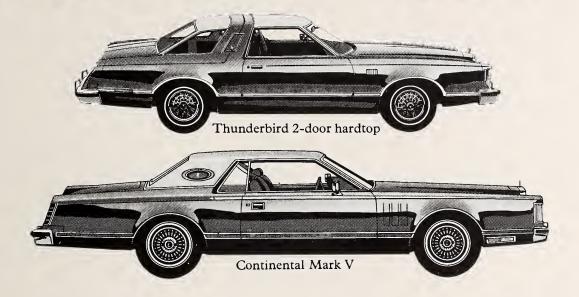


FRONT: Frank Kemeny, Richard Hooper, Nick Temple, Bill

Chisholm(captain)

BACK: Henry Vehovec, Dave Rudniski, Bruce Sellers, Tim Maryou, Joe Wright, Rob Mitchelli, Geoff Brown.

# How to get the most from the lease.



Get the Ford Leasing System, at most Ford and Mercury dealers. It's called a system because it does much more than just provide the cars and trucks.

It's expertise

Experienced advisors will help you arrive at the optimum lease arrangement for your requirements.

#### It's service

Ford-trained mechanics will give you coast-to-coast service in Canada and the U.S.

It's economy

Because Ford and Mercury dealers are their own source for cars and trucks, they can offer the lowest possible lease rates.

#### It's selection

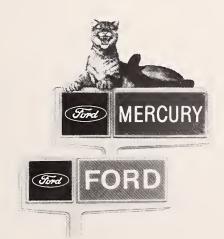
It's your selection from any of the cars and trucks in the entire Ford family. From small cars to luxury cars. From vans and pickups to the big heavies.

And it's quality

Remember, Ford and Mercury cars are the ones with THE DURAGUARD SYSTEM, including the nocharge 36 month, unlimited mileage rust perforation warranty. In addition, Fordbuilt vehicles have been designed for minimum maintenance at extended mileage intervals, which lets you see more of your car and less of your dealer.

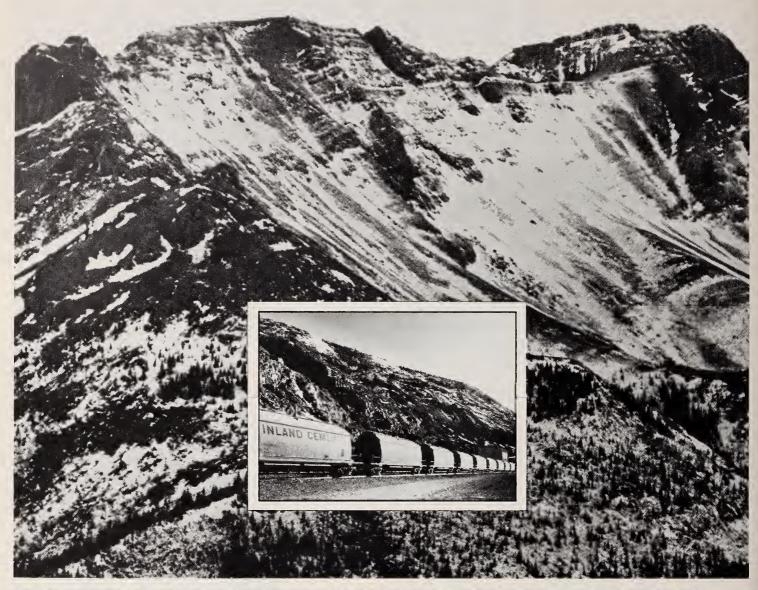
The choice is up to you. Others lease you the car. Ford and Mercury dealers lease you the car with the System behind it. The Ford Leasing System.

Buy the car or by the month.



FORD LEASING Ford





# WE MOVE MOUNTAINS

Everyday a Procor Unit Train hauls a good part of a mountain from Cadomin to Edmonton.

Everyday, other Procor Unit Trains are moving enormous quantities of sulphur, coal, fuel oil and sulphuric acid, all across the country.

The Procor Unit Train is the simplest, most efficient way to move large quantities

of raw materials.

The train is designed to carry a specific cargo – and it carries no other.

The train is routed from Point A to Point B at specific times and there are no delays or shuntings onto sidings.

The train is yours – exclusively, and is as big or as small as you require.

Working in conjunction with the railway

concerned, Procor designs the train as well as the loading and unloading facilities. We even build the train and maintain the train over its operating life. All this to assure you of the smoothest operation at the lowest possible cost per ton/mile.

You can either lease the system from Procor or subcontract the entire transportation problem to us on a per ton/moved basis.

Then, you can concentrate on what you know best, mining-and and we can concentrate on what we know best-transportation.

When you've located the "mother lode" and you know you're going to have to move it, talk to us. Call

Gordon Mills, the head of our Rail Car Division, at (416) 362-2641. We've had a lot of experience moving mountains.



INLAND CEMEN

RAIL CAR DIVISION, 2001 Speers Road, Oakville, Ontario.





# Engineering Society Executive

Vice-President I..... Scott Ferguson Engineering Science Club Chairman . . . . . . . . . Arthur Ham First Year President . . . . . . . . . . . . . . . . . . Lorraine Gleeson Professional Development Committee Chairman . . . . . Kathy Wells Communications Committee Chairman........Doug Chmara Executive Fac. Council Representative . . . . . . . . Louis Auger Engineering Athletic Ass. President. . . . . . . . . . . . . . . . . John Mackasey 



TOP ROW; Jay Reidy, Jim Burpee, James Richardson, Michael Vogel
SECOND ROW; Kathy Wells, Lorraine Gleeson, Scott Ferguson, Rudolfo Monteforte, Louis Auger
FRONT ROW; Joseph Graf, Doug Chmara, Ellen Rochman, Joe Lstiburek, Anne Zielinski, Jim Picknell, John
Kapinski Alfred Waldner, Bruce Dodds







For the 29th consecutive memorial year, the world-famous Lady Godiva Memorial Band, triple-prize winning, played its way into the hearts of millions and the apartments of some, performing and carrying musical instruments around almost non-stop. Usually referred to as the LGMB, but having affectionately, with some trepidation been dubbed 'the BNAD', this mottley crew of high-level musicians and incredible beer drinkers played at virtually every major, minor, dominant or suspended occasion or opening in Toronto. Among these being, F!rosh Orientation with Dean Etkin and Bill Davis, Oktoberfest, Shinerama, Skule Nite, Cannon- and Grad- ball, subways, streetcars, Union Stations, Update breakfasts galore with John Evans and Frank





Shuster, Engineering Triennial at the Inn on the Park, Varsity football and hockey games, numerous parades, including a Santa Claus parade, College Bowl, and the Grey Cup (CBC, CTV, nationwide) as well as at the Grey Cup Game, the Eaton's Centre and of course, the David Crombie concert and gala opening of the ever-popular multimillion dollar



concrete phallus, the CN Tower. At this function, the LGMBeers were all made honourary prime ministers by King Pierre, so as a reciprocal gesture, we offered his majesty an honourary membership in the BNAD and commissioned Margaret to pen a musical composition of tribute to the BNAD. She immediately went off looking for a shower.





The LGMB's forth-cumming album is indeed fourth. Recorded secretly in the Annex recording studio and Commoner's Room, the record is expected to have two sides and be black. It should be available in September, 1977 for the low low price of about \$4.00 and will have a cardboard jacket with a picture and some words on it. (Buy our records, buy our Cokes!) The record, aided by not too many ringers and free flowing liquid music, contains the BNAD's latest hits, which everyone knows and loves. The BNAD is planning a cross-campus pub crawl and concert tour to coincide with the release of the album. Those who don't believe the BNAD has actually recorded three other albums, are invited to come to the Stores where the third album (1967) may also be purchased, for a paltry \$3.00. (Buy our records, buy our Cokes!)

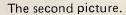
Highlights of the year were on top of the standards at Varsity Stadium.



## B.F.C.

59

The first picture.





The third picture.



The University of Toronto Engineering Society Brute Force Committee does not exist and never shall exist, and continues to emphatically deny everything.

However, since the B.F.C. does not exist, we bring you the story of a nonexistant caper which did not happen, brought to you through the miracle of Techni-Black-and-White is the amazing Mickey Mouse Caper.

Once in a while Bruce and Joe and the guys and gals get together for a caper. In the first picture they are seen after the 3 am construction of the Flying Mickey Mouse. (Not to be confused with the real one, see below) Since the F.M.M. does not exist and never will all we can say is that this is an aerial view of it transporting the crew to their next caper.

Meanwhile back at the Annex, Detective Bob is thrown completely off the track as he tries to investigate the terrible Almost Naked Dancing Lady In The Common Room Scandal, which didn't exist either, as the second picture clearly shows.

The third picture proves that the above never could have taken place since Bruce was elsewhere.

In any case, if the statement 'I think therefore I am' is true, the B.F.C. could not possibly exist.



# Professional Development Committee



The Professional Development Committee is responsible for informing and educating undergraduate engineering students. This year, we were involved in two conferences and the editing of a national newsletter.

In early January, the Ninth Congress of Canadian Engineering Students was held in Winnipeg, hosted by the University of Manitoba. The theme of the 9th CCES was "Energy Our Life Blood—Technology and Economics". Our delegation, consisting of eight students, presented a paper entitled "Solar and Nuclear Energy, a Regional Study—Southern Ontario", or "Our Sun Goes Fission on a Nuclear Day". Papers were presented by other universities from across Canada. Businessmen, politicians, and professors were also in attendance, to lecture on and discuss various topics related to the theme. A good time was had by all; the experience certainly was an education in itself.

The Ninth Annual Conference of Undergraduate Engineering Societies was hosted by the University of Toronto Engineering Society later in January. Twelve universities sent delegations to discuss "Health, Safety, and the Engineer". This conference was sponsored, in part, by the Association of Professional Engineers of Ontario. The planning and running of this conference was educational in many aspects to the participants.

The national newsletter did not meet with much success, but we are hoping for a better response next year. We asked for input from each undergraduate engineering society in Canada, to be printed and distributed across the nation.

All in all, the Professional Development Committee had an interesting and active time and would welcome your participation next year.







Lorraine, with Claudia who wishes

to remain anonymous.

# **First Year Council**

This Year's First Year Council refused to tell us what they had done, however it is known that President Lorraine and V.P. Claudia are good at making tea. They also organised a First Year Nick Nite, but unfortunately both were too sick at the time to attend. Here are some photos taken when the Yearbook staffers got bored with layouts and went to the Nick for a break.





Pete goes berserk on one beer.





Hmmmm! Lot's of dancing partners.



My first door prize.



'Aaaaa...what's your number?'

# **Chinese Engineering Students Association**





The Chinese Engineering Students Association was founded last year by a group of Chinese Engineers to promote a better understanding between the Canadian and Oriental cultures. This objective is being achieved through a number of successful activities held over the past year.



Don't just stand there, help me!



Gee! I finally got them on.



I love to dance!

# Annex

# **Events**

In case you didn't notice, the Engineering common room was beamed into the Annex this year, and none too soon, since it was situated in the near disaster part of Galbraith. Eng. Soc. came up with the money for new chairs, carpeting and those absolutely wonderful acoust-cal baffles, that swing freely from the ceiling.

Meanwhile, down at the other end of the Annex's second floor there is the continuous melodious murmmer exuding from the LGMB stateroom, the constant clanging of the bells on the pinball machine, and the sweet ka-ching ka-ching of the cash as the monetary stability of the Eng. Soc. increases, under the luving care of June, and Stores manager Brian. Across in Jan's office, animals and scenery adorn the walls (created last summer), plants flourish on the window sills, and four horrible parrots swing from the paperclip chain hung across the room.

President, Jim, and VP's, Scott and Joe, reside in the north-east wing, while the constant chatter from setting machines in the 'committee room' pour forth the 'light' hearted, whimsical, engineering humour known as the Toike Oike. Following the stream of 'Nit's and 'Get stuffed's into 211a, one finds the Toike Office, and under the many feet of paper are the various staffers of toike and yearbook.

Next year join the yearbook or Toike staff and spend all night typing this stuff......







Bin shoppin'?

nit

nit

nit

nit

nit

## RUMBLINGS

A girl knocked on the gates of Heaven and St. Peter said, 'Are you a virgin, young lady?' and she said she was. 'In that case, wait in the ante room while I get Hippocrates, our chief physician, to examine you'. After the examination, Hippocrates said, 'She has seven little nicks around the edges, but no genuine

nicks around the edges, but no genuine entry, so let her in.' Then St. Peter got his big book out and asked, 'What's your name, dear?' and the girl said, 'Snow White'.

she's a goddann lide'. Says hing.

she's a goddann lide'. Says and a lide showing she's and a lide showing she's allention of she's she'

nit

Patient. 'a sweet young dustioning his lenke; in order to make his diagnosis. They was ever jumped up in bed with they doctor. I'm not even matried!

TOIKE Zippers! OIKE no.

The townsman and his host were their foute was through Lovers' Listen.

I keep hearing that the townsman.

ets?.

Did you hear about the woman who was nervous about taking her driver's test? As a matter of fact, the night before the test, she swerved in bed to avoid a child. Broad Test

20,000 hether GH 7 circulation

TRAWNA, ONTARIO, THURSDAY, OCTOBER 28, 1976

8 **PAGES**  Top Level Jocks

50-51

Jiu

nit

lin

lin

lin

lin

lin

#### **Best Wishes**

to the **Engineering Society** and U. of T. on its 150th Birthday from ...



... Security Specialists for over 100 years.

Head Office: 92 Adelaide St. W. Toronto Phone: 416-363-5601

#### LA CONTESSA STEAK HOUSE

720 Spadina Ave. 961-5421

#### WEXFORD RESTAURANT LTD.

2072 Lawrence Ave. E. Phone 755-1229 Scarboro, Ont.

FAMOUS PLACE FOR BREAKFAST

#### IRELLI

Pirelli Cables Limited, 77 Richelieu St. St. Jean, Que. (514) 346-6831

GREAT TEESHIRT CO 946 College Street, Toronto, Ontario, Canada M6H 1A5 Phone 532-2256 You Name It We'll Print It

We print anything you want on a Teeshirt, sweatshirt or jersey-names, personal messages, schools, clubs, teams, sales promotions etc., plus many designs to choose from.

Please ask about discount on quantity orders.

# Acott's chicken Villa.

Toike make-ups brought to you by......



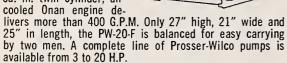
Home of

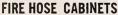
lickin' good Kentucky Fried Chicken.



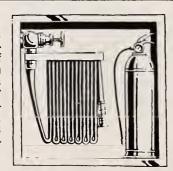
#### PROSSER-WILCO **PORTABLE FIRE PUMPS**

Made in Canada, the PW-20-F represents the best dollar value in portable fire pumps on the market. The 20 H.P. 50 cu. in. twin cylinder, air-





Wilson & Cousins manufactures a complete line of fire hose cabinets. Each cabinet is built of heavy gauge steel complete with trim and doors. The cabinets contain 50', 75' or 100' of 11/2" Underwriters labelled hose, complete with attached couplings, valve and nozzle. Most cabinets contain the appropriate Under-writer Approved Extinguisher.



#### **ELKHART JUMBO SELECT-O-STREAM CONSTANT-FLOW MYSTERY NOZZLES**

New, constant-flow nozzle eliminates line surges when the stream pattern is changed. It throws the same amount of water in all stream positions. The exclusive Select-O-Stream Braille-like pattern indicators for stream selection can be distinguished in the dark or in smoke. New alloy construction is remarkably tough yet is only  $\frac{1}{3}$  the weight of brass.

#### **SMITH & WESSON ELECTRONIC SIREN SYSTEMS**

Stephenson, a member company of the Smith and Wesson Law Enforcement Group manufactures the most modern

combination public adelectronic dress and siren systems. The easyto-read, colour coded control buttons eliminate error in selection of radio, P.A. wail, yelp or hi lo warning signals, plus a manual control to independently sound the siren.





#### **TARGET QUICKIE RESCUE SAWS**

There is a choice of four models, gasoline or electric powered. They offer a new standard of performance, for Fire and Police Rescue Squads and Emergency Crews. QUICKIE saws cut wood, metal, concrete, asbestos, roofing, etc. Optional 14" blade cuts to 5" depth.



Usually the first equipment at the scene of most respiratory emergencies, the Scout is simple to operate with a minimum of training. Step-bystep instructions are listed on the inside cover of the compact carrying case.





Write for our complete-line catalogue to:

Division of Purex Canada Limited, 145 Orenda Road, Brampton, Ontario L6W 1W4 VANCOUVER • CALGARY • EDMONTON • WINNIPEG • MONTREAL • MONCTON • HORSHAM, P.A:





# Chem Club































































## Chemical

Monica Aquan-Yuen Gerardo Arciero Mayank Ashar Louis Auger Heidi Breslauer





















William Cocchio Charles Crawford John Cunningham Christopher Emberson Bruce Fawcett























Bernard Goldberg
Larry Green
Brian Hudson
Victor Juskevicius
Harry Kondratas



















Piter Korompis Owen Kurin Daniel Liard Soe Shiuan Lim

Mark Konopczynski









Carmen Lombardi John Mackasey William Martin Antonio Mazza John McClintock











Allan McFarlane Edlyn Menezes Mira Miller Kathleen Murray Gabriel Odushola











Philip Persaud Jolie Phillips Annette Pingot Alexander Pochmursky Fernando Preto











Luis Recchione James Richardson George Riesenfeld Robert Rosati Michael Savage

















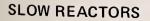








Wayne Toole Deborah Waddell Mihkel Waher William Wainberg Valerie Welesnicki Robert Wright



Alfred Chiu David Hendry Jerry Hussain Jim Johnson Terrance Persad

Wolfgang Pfeiffer Robert Sheng Robert Skelton Kevin Snively Gordon Torrie



# Civil Club

The Civil Club organized social and athletic activities, as well as educational lectures for the staff and students in Civil Engineering. This past year, we organized a get-together pizza bash for the staff and students, and second year held a small party in the Annex Common Room. The rowdies in third year had a couple of parties, as well as sending two representatives to the 1976 EIC Congress in Halifax. Both reps. had an entertaining and educational week, from what they recall. Fourth year has not been particularly active, for everyone is frantically searching for a job(ho! ho!). The traditional Civil Dinner will be held next month, where the professors and students can roast and toast each other.

The lead time of the yearbook unfortunately does not allow me to tell you the results for this year's Concrete Canoe Race (the canoe is really made of concrete, folks!). I'm sure our Civil canoeists will avenge their loss of last year and return to U of T as the No. 1 Concrete Canoeists in North America.





### Club Siville

We're trying to organize a Civil Hockey tournament again, this year. We hope to see 'Flash' Selby, 'Moose' Kenney and 'Horrible' Heinke melting the ice with their blinding speed. Last year's tournament champions, the Class of '77, are anxious to defend their title.

The Civil Club is an important factor in maintaining the togetherness of the staff and students in Civil Engineering. The members of the Club would like to thank Brian Semkiw, this year's chairman, for his time and effort spent in making this school year more than just attending lectures and doing problem sets. We would also like to thank Professor Hienke, the chairman of the Department, and all our professors who take an interest in, and participate in our activites.















Lou Abbruzzese Geoffrey Addison Steven Andrews Nick Bada David Bailey Frank Baldesarra













## Civil

Kestutis Bartusevicius Lucio Battiston Stanley Bertoia Hugo Blasutta George Burton Anastas Candaras













Terry Canning Oliver Chan Yoke Kuan Chan







Caesar Corvinelli Michael Damianc







Realdo Didonato Janis Dreifelds Stephen Dunlop

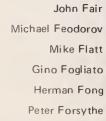


































Edward Fung John George Scott Gibson Craig Glen

















Robert Hardy Dean Kagawa Kasson Khoe Gordon Ko







George Kousiouris Patrick Ku Stephen Kwan









Ancel Ladner Margaret Large Zigmund Latosik Raymond Leung









Stephen Li Robert Lojk Ciro Maccarone Antonino Maio











Brian McCormack Sheldon Mecklinger Stephen Medd John Miolla

David Mitchelson Karl Nitsch









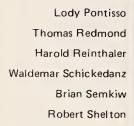












Gary Slye

Allen Smoskowitz Christopher Solecki Ronald Standish Yuen Kit Szeto Elmars Trizna









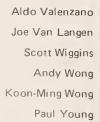






















George Metaxakis Jan Pedersen

STATICALLY INDETERMINANT

John Atkinson

Dominic Chan

Ashley D'Silva

Raouf Hanna

Charles Kirby

Matthew Kazdan

Francisco Echavarria

Wayne Piper Eleonora Porobic Walter Robertson William Tessler

Daniel Yamashita

# "The Financial Post is Canada's best underground newspaper"

That's what journalist Alexander Ross wrote in the Toronto Star.

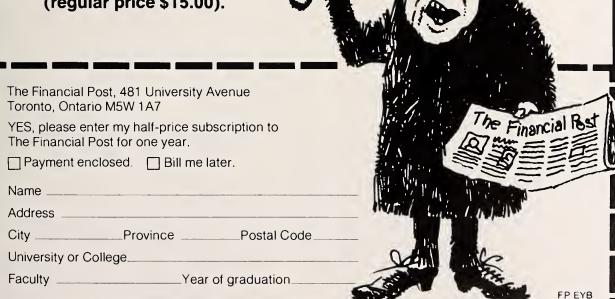
Perhaps an unexpected statement about Canada's leading financial and business newspaper.

But our readers have come to expect the unexpected. The Post reports on a surprisingly wide range of subjects from continuing coverage of the ill-fated, cash-short Bricklin car project to a myth-shattering series on the *real* position of women in business.

Interpretive journalism that investigates cause and projects effect.

Take advantage of a special half-price offer to students.

A one-year subscription to The Financial Post (52 issues) for \$7.50 (regular price \$15.00).





I know it's only lemonade, but I'm allergic to beer.

### 'Ello? Service de room? Plus de Caribou!'



### Electrical Club



Sure I'll lend you my thesis!



I'd like a second opinion on that.



How would you like a pizza in your face?



Just the thing for a man down under.



She makes a sweet picture.



'But we'll never find a cord long enough.'



What makes an Electrical's eyes light up?



Fair enough. He's up to 56 OK's this class.



Ship wreck on the Mariposa Bell.



Graham Baldwin Robert Bart Douglas Benneyworth















## Electrical

Michael Buhrmann Gunars Ceksters Ringo Chan Ping-Kuen Cheung









Gary Cleghorn Sharon Cross Heinz Czychun Zaheer Dossa









Tremayne Drieberg
Robert Dudley
Christopher Evans
Gordon Fountain



Gabriel Fritzen Bernard Galler Glenn Grandin Richard Greszczuk

























Peter Hartmaier
Randall Heaton
Christopher Helyar
Walter Hirt
Stephen Hunter
Hasan Huwito





Gunther Jeschke Ken Gee Jung



Terrance Karaim Andrew Kerr













William Lane
Leonard Lansing
Tom Lavrisa
Kin Lee
Karl Leung
Thomas Ma





David MacAlpine Manuel Maciel





John Mark Stephen Markson













John Marshall Carmen Martino John Metcalfe David Newman Michael Ottewill Phillippe Park

Arthur Radacz David Rudniski Steven Skelton







Robert Skolnik Thomas Smith Peter Spasov John Taglione









Tony Tam Arvo Tanner Peter Tanur







Robert Thiel

James Ting

Bernhard Treidl

Lincoln Vaz









Peter Vizmuller Michael Vogel Graham Wideman







Krzysztof Wierzbicki Walter Wong







WENT OHM

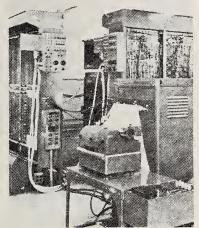
Nicholas Beck
Adrian Boie
Carlos Campos
Eva Chaves
James Colquhoun
Andre Coriat
Angelo Cormpilas
Cvetan Cvetkovski
lan Duff
Brian Ferguson

Gregory Goheen
Neil Greco
Terence Henry
Siu-Ning Ho
Chiu Kwong
Lee-Ka Lau
Charles Law
Doug Lee
Gordon Lelacheur
Wing Ping Ng
Frank Pellini

Dinh Chi Phan
Erwin Pototschnik
Daniel Rehak
Joel Rodrigues
Ulrich Schmidt
Edward Seto
Andrea Sinclair
George Stefanou
David Tennenhouse
Mario Vitti
Shabbir Walji
Steven Woodward

John Ycas Wai Fung Yue

# When you've invented the computer—what do you do for an encore?



puters, we have been hard at work developing the performance, the capability and the versatility of our Sperry Univac\*computer systems. There have been important improvements made as business and industry assisted in the collection of experience, and this experience has been instrumental in the design of computer systems which have a future. Sperry Univac believe that building equipment which has a future is more important than just selling more of the same ordinary machines or systems. Not just selling the most, in other words, but building the best! As a matter of fact, the recent purchase of our outstanding 90/30 Sperry Univac Computer System by a number of major Canadian companies speaks for itself. We know we're the best, because we can prove it. Encore!!





The First Computer Company
We invented them and we've perfected them

\*Word and design in Canada of Sperry Rand Corporation—Sperry Rand Canada Limited registered user

### "Scite et Strenue"



Westinghouse helps make it happen

# Engineering Science Club



We mourn the passing of an old friend.



Gone but not forgotten.



Some one just sat on my squash balls.



What did I volunteer for!!??



Note the typical first year expression.







AAYYHH!!



Dealing.



You're kidding, Monday already?



Team Twit strikes again.



Oh no! Not the picture again!

Remember,
Engineering Science is not meant to be terminal.



85



No you idiot, the other way!

Rick Appugliese Harold Asmis John Bate Peter Beggs Bernardus Budiman

















Anthony Busigin

Paul Chow Marty Cohen Fernando Conforti Robert Craig Igor Danyliuk



















# Engineering

### Science

Hermann Enderle James Fairgrieve Mark Federman David Galloway Arthur Ham

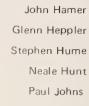
































Frank Kemeny Thomas Koch Ian Leslie Yiu Wing Leung Donato Lewicki













David Lewis
John Liska
Dawne Love
Gerald Mabson
Kevin Mac Lean
Paul Mannone











Stephen McKinnon Brian Monaghan Ghasem Mostaghel Glenn Mukli John Nenniger













Tie Hwee Ng Alexander Roth Mario Ruggiero Valerie Scott James Service Gordon Slade



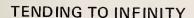








Richard Sotnick Lai Wan Szeto Tze Wai Szeto Stephen Turner Brian Uffen



Madeline Fok
Jerry French
Chung Yiu Kong
Paul Maasland
Robert Meyer
Susan Salari
Robert Varty
Mary Volpe
Andy Von Flotow
William Wiener







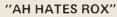
Antoon Vander Vooren Michael Watters



Andrew Welch Mark Wright

geólogical club







**Good Morning Paul** 





Be It Ever So Humble



Oh, Lord— Won't you blow up The City of Tweed!

We hate all them Outcrops, We wish we had weed

We hate geology, We hate the artsie!

Oh, Lord— Won't you blow up The city of Tweed?.



Congradulations For A Job Well Done



Little Red Riding Hoodavytch Strikes Again



How Dry We Am



We're The Boys From Option-A



The Agony And The Ecstasy



To Those That Went Before



The Pause That Refreshes











**UNDER A ROCK** 

Robert Albino Edward Frysztacki John Gill George Multamaki David Robson Roger St. Louis









Glen Davidge
James Farquharson
Ivan Filion
David Folkes









Roman Gaber Ross Griffiths John Moffatt Timothy Orpwood









Herman Oussoren Jay Reidy Peter Shilton Istvan Szoke



Wayne Parsons... Today he's in third year 150 years in the making engineering. But tomorrow, who knows. Maybe he'll build dams in South America, look for oil in the North Sea. Or maybe he'll stay right here in Canada. And with any luck even have a hand in shaping the future of our company, Abitibi. But whatever he decides, he'll be one of the best there is.

Just like the University ABITBI

he comes from.





### Industrial Club









The Industrial Club, under the directorship of Alfred J. Waldner, finished 1977 in good spirits, after a year of moderate school work. There were many highlights in the club's activities, all of which contributed to our high closing rating. We managed to generate a considerable amount of capital internally, for use in redoing our common room. The coke machine continued to make lots of money together with our new coffee-tea-hot chocolate and cookie bar. All this activity in the common room has left the reading room quiet for studious types, and it seems our Sunshine Girl collection will have to be moved to a more appropriate location.

The A.I.I.E. student chapter, dedicated to the professional development of Industrial Engineering students, was active in promoting plant tours, an 'Engineer in Industry' program, guest lectures, and in cooperation with the senior chapter, a 'dinner and speaker' series. In an attempt to sell the image of 'IE's' as something other than a seedy looking bunch of card sharks, 'IE's DO IT BETTER'buttons were distributed to chapter members at the beginning of the year. Rude and obviously false comments that 'IE's' stood for 'Impotent Engineers' were coolly ignored.

Skule spirit was high this year as the Industrial 7T6 chariot was resurrected for this year's race. A rough and tough contingent of students came back from the race battered but happy (literally) with their 2nd place finish.



Wayne Arthurs Melvin Battiston Timothy Bean Frank Blum Timothy Bolton











Mike Bomballa Karen Booth Murray Cass Stephen Chan Chung-Len Chu



David Colussi Rich Cornacchia Philip Crabtree Marek Czerwinski Garry Deacon





















Eric De Buda Fred Dozsa Ronald Francis Richard Fung Brian Gillespie











# Industrial

Alessio Giosa Philip Gonsalves Michael Goodfellow John Granata Roland Hafenstein











Robert Harries
Glenn Iwasa
Kevan Jefferies
Richard Jennings
Alex Keshwah





















Ben Kwee John Larsen Robert Leigh Harvey Lewi William Lytwyn







Dave McCready Henry McKinlay Murray Metcalfe Danny Myhal Andrew Olbrycht Robert Olbrycht









Frank Palermo Zenon Petriw Ines Popig David Rea James Reininger













Raymond Romanish David Rourke Stephen Sandrin Mark Schnier Aldo Sist Jeffrey Sugar



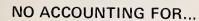








Brian Vigus Timon Voyatzis Alfred Waldner Jack Weinberg Glenn White



Peter Gillies Aju Onwukah Richard Pearse





Lisa Williams Steve Woroz





Kenneth Yue Anne Zielinski

### Mechanical Club











WINNER OF THE "INTERCOURSE COMPETITION"





DESIGNED BY MECH 7T9











### PRE-CHARIOT RACE STRATEGY PARTY WINNING CHARIOT THREE YEARS IN A ROW **DEFINITELY "CHARIOT OF THE GODS"**



### CANADIAN PINBALL ASSOCIATION

P.O. Box 6708 Terminal "A" Toronto

### TOURNAMENT REGULATIONS

- Place entry box (with slot on top) near pinball machines
   Place entry forms beside box
   Entry forms must contain the following: name of player, name of machine, score obtained, date, signature of official witness.

### 76/77 MECH CLUB EXECUTIVE

Chairman	.J.C. Kapinski
Vice Chairman	.S. Conquergood
Treasurer	.R. Jackson
Fourth Year Rep	.G. Butterfield
Third Year Reps	.C. Mackie C. Forrester M. Ewen
Second Year Reps	

Bruce Abugov Aly Bassit James Beaton Sven Blomfeldt









Michael Boyle Richard Budny Michael Burke James Burpee Gordon Butterfield











Samson Chak Kai-Chiu Chan Simon Cheng















Paul Cornacchia Diamond Daya





# Mechanic

Victor Di Carlo Amine El-Semine Bermard Ennis John Etherington Antonio Fenuta

















William Keith Heng Kia Khoo





Scott Ferguson
Richard Holli
Douglas Humphris
Douglas Jackson
Graham Jackson



Thomas Jelinowicz John Jesenak John Kapinski









Young Hai Kim David Knutson Joseph Lam Guy Dick Lam









Tom Lapczynski John Leewis Seung Wing Li John Loach













l an McGregor Normund Mierins Rodolfo Monteforte



Martin Murray Bradley Nash John Neal Norman Ngai Yukichi Otsuka James Picknell

Nigel Purvis Olaf Raiskums Jarle Rasmussen Fausto Rossetto Yehuda Rotenberg









John Saringer Alan Sliede Barry Steinberg







Thomas Stowe Raymond Sungaila





Ping Chi Tang Stephen Taylor





John Tojcic Emir Vidjen Mike Villemaire







Ian Wall
Moshe Wertheim
Lawrence Williams
Leyland Williams
Victor Wong
Vinson Yu













ABSENT WITHOUT LEVER

Peter Alling Frank Benko Dennis Ferguson John George Douglas Jackson

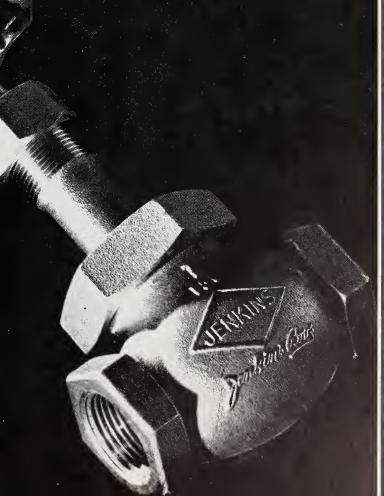
Ronald Jackson William Lougheed Wayne McKenzie David Morton Christian Pal

Karen Rice
Colin Stuart
Hin Tsang
Glenn Verkindt

# JENKINS The valve specialist



Jenkins Bros



### Metallurgy and



'All my men wear Big-B-Brother, every one of them.'

A picture containing one of the

guys on the executive who wasn't

in the other pictures.



And here is the latest in fall fashions.

### Club



Beware of Greeks bearing gifts.



Why are these people smiling?

### Materials Science



Getting the shaft in Sudbury.



Dialogue on drinking: You are your own liquour control board.



'What's a nice boy like me doing in a place like this?'



'I solemnly swear I do not know who stole the magazines.'



'My boyfriend's is THIS long.'











Patrick Chan Kin Leung Cheung Edward Chung Robert Dawson William Evans

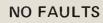








Karl Feiler Joseph Graf Richard Hajdukiewicz Thomas Lau













Peter Maak David Neudorf Gary Scott Robert Storey John Szivek

# EXCITING ADVERTISING SECTION



Seriously though, you will have to read this section to find the funnies cleverly concealed within.

Here's Anne to explain why we need an advertising section:

"Why of course the Toike needs a new delivery vehicle"







. . . . . an Engineer!

# Compliments of World of Billiards

50 Titan Road

**Toronto** 

239-1251

## Compliments of

DOMINION ELECTRIC COMPANY

92 Adelaide Street West, Toronto, Ontario

363-5601



DISTRIBUTORS OF HEATING AND VENTILATING EOUIPMENT TO CANADIAN INDUSTRY

67 Steelcase Road Markham, Ontario 1-416-495-1400



fine art reproductions original graphics custom framing specialists DAVID V. WEISFELD

534 Eglinton Ave.W , Toronto, Ont. M5N 1B4 tel. 489 1762

ECONO DISPOSAL SYSTEMS 5277 Creekbank Road Mississauga,Ontario L4W 1W3 Offices 624-0230

K. A. Carrigan
Executive Vice President

A Division of Nulli Secundus Enterprises Ltd.



MECHANICAL CONTRACTORS LTD.

37 Dufflaw Rd., Toronto, Ontario. M6A 2W2 Tel: 787-1141 (area code 416)



Five thousand man years of professional experience salute U of T Engineering Society 150 year anniversary.



WHY LET YOUR PARTY BE A DRAG CALL OUR DISCO D.J 's

In Your Home, Cottage or Apartment
WE GO ANYWHERE, ANYTIME.
Mobile Disco with ROLAND
Disco Studio is Available for All Occasions

CALL: 767-2275

ALBION BOWL

962 Albion Road Rexdale 741-2240 COLLONADE RESTAURANT & TAVERN

131 Bloor West 924-8884

B. F. C. Ltd.

Dome paintings, clock repair, traffic jams, nurse wetting

TAKE OUT SERVICE
For further information call 411

CORPORATE FOODS LIMITED

1243 Islington Ave. 236-1911



# Excita

A little ribbing can be a lot of fun.



JULIUS SCHMID OF CANADA LIMITED

Excita—the new ribbed prophylactic Also Fourex Fiesta Nu-Form Ramses Sheik Sold only in pharmacies

#### **PARAGON**

Industrial Photographic Reproductions Limited

1160 Ellesmere Rd., Scarborough M1P 2X4 Phone: 291-2542

#### **BELCRAFT AUTO TRIM**

974 College Street - Toronto 4, Ont. 534-9742



SALES - LESSONS - RENTALS 483-7203

**ELDON INDUSTRIES** OF CANADA INC.

50 PRINCE ANDREW PLACE,

DON MILLS, ONTARIO M3C 2Y7

Owner Joe Gillon 2045 Avenue Rd. (South of 401)



#### MECON INDUSTRIES LIMITED

17 MALLEY ROAD, SCARBOROUGH, ONTARIO MIL 2E4 PHONE (416) 751-1901



M. P. KOMAR Marketing & Export Manager



Spaulding Fibre of Canada Ltd. 130 The West Mall Etobicoke, Ontario, M9C 1B9 Telephone: (416) 622-3524

Telex: 06-967500



H.Q. Golder & Associates Ltd. Toronto • London • Ottawa • Windsor Golder, Brawner & Associates Ltd. Vancouver • Calgary • Kamloops Golder, Gass Associates Inc. Boston

Golder, Associates Pty. Ltd. Melbourne • Sydney • Brisbane Golder Associates, Inc. Seattle • Grand Junction • Atlanta Golder, Hoek & Associates Ltd. London, England

TOM PRESSLEY

(416) 444-8487



160 DUNCAN MILL ROAD DON MILLB . ONTARIO . CANADA





THE ECE GROUP Consulting Engineers 205 Lesmill Road, Don Mills, Ontario M3B 2V1 (416) 449-1030

Incorporating the practices of Jack Chisvin & Associates Ltd/G. Granek & Associates

2 SHAFTSBURY LANE, BRAMPTON, ONTARIO LET TELEPHONE (416) 791-3151

S. J. ROSS

National Sales Manager

1366 Bathurst Street

Telephone 654-6611

Total Concept Service in Data Processing Supplies

TORONTO KITCHENER SARNIA

> MONROE The Calculator Company

WINDSOR LONDON THUNDER BAY

DOMINION SOIL INVESTIGATION LIMITED CONSULTING ENGINEERS

104 CROCKFORD BLVD. SCARBOROUGH, ONT. CANADA
TELEPHONE 751-6565
TELEX 06-963578

Best Wishes...

## NOBILIUM



Toronto M5R 3J1

J. W. (Jim) Potter Director-Programmable Products

4500 Dixle Road, Mississauga, Ontario L4W 1W4 Telephone: (416) 625-7240

**Emco Plastics Limited** 

80 Stafford Drive, Brampton, Ontario Area Code: 416 457-5300



Plastic Injection Moulders



POWER SYSTEMS SERVICES AND CONSULTING ENGINEERS

K-TEK ELECTRO-SERVICES LIMITED

BOX 291, 3111 KENNEDY ROAD, AGINCOURT, ONTARIO M15 3B9 TEL.: (416) 291-8881



Accessory products designed for quality construction

SUPERIOR CONCRETE ACCESSORIES, CANADA, LTD.

230 BELFIELD ROAD

REXDALE, ONTARIO M9W 1H3



David F. Quan, P. Eng.

QUAN, CARRUTHERS, KING & QUAN LIMITED Consulting Engineers

887 Islington Ave., Toronto, Ontario, M8Z 4N9 (416) 255-8501

JOLLY MILLER

**TAVERN** 

3885 YONGE at YORK MILLS

489-6864 12 Noon to 1 AM

Plenty of free parking!

Bus. 741-3338



FRANK VENTURA Bus.: 767-9420

FRANK'S GARAGE

CAR AND TRUCK REPAIRS

575 KEELE ST. south of St. Clair TORONTO, ONT.



PAUL MARSHALL Asst. Service Manager

Overhead Door Co. of Toronto Limited 300 Signet Drive, Weston, Ontario M9L 1T2



Nicole McManus Communications Manager

365 Bloor St. East, Suite 200 Toronto, Ontario, M4W 1H7

(416) 967-1900



214 NANTUCKET BOULEVARD, SCARBOROUGH, ONTARIO

SPECIALIZED GENERAL CONTRACTORS - COMPLETE INTERIOR RENDVATIONS CO-DRDINATED LABORATORY MECHANICAL & FURNITURE INSTALLATIONS

THE ELECTROLYSER CORPORATION LTD.

122 THE WEST MALL, ETOBICOKE TORONTO, ONTARIO M9C 1B9 CANADA

M. H. KILPATRICK ASSOCIATES LIMITED 4 LANSING SQUARE, SUITE 221, WILLOWDALE, ONT.



#### HATCH ASSOCIATES LTD.

ENGINEERS • INGÉNIEURS METALLURGICAL PROCESSING, FEASIBILITY STUDIES & PROJECT MANAGEMENT

HATCH OUELLETTE & ASSOCIÉS 1224 Ouest rue Ste Catherine, Montreal (514) 861-0583

Head Office: 21 St. Clair Ave. E., Toronto (416) 962-6350 HATCH ASSOCIATES, Ste 1630, 107 Delaware Ave, (716) 853-1414



PRODUCTS CANADA LTD.

P.O. BOX 34 TORONTO DOMINION CENTRE TORONTO, ONT. M5K 1B7

BUS: (416)361-0670 TLX: 02-21585



## WESTROC INDUSTRIES LIMITE

2650 Lakeshore Highway, Mississauga, Ontario · Area Code 416 · 274-3484 TWX 610-492-4304

## Publishers of Fine Canadian Books



#### Fitzhenry & Whiteside

150 LESMILL ROAD DON MILLS, ONTARIO M3B 2T5 449-0030

#### ATLAS POLAR

COMPANY LIMITED

60 NORTHLINE ROAD BOX 160, POSTAL STN. "O" TORONTO, ONTARIO M4A 2N3

**DIESEL GENERATOR SETS** 

(416) 751-7740 1KW - 1800 KW

**IOHN D. WEATHERSEED** AND ASSOCIATES Custom Printing/Design · Production



326 ADELAIDE STREET WEST TORONTO, CANADA M5V 1R3

1 (416) 368 3805

Where WEATHER SEED'S O DAILY APPOINTMENT AND ENGAGEMENT BOOKS are designed and planned.



Manufacturers of Electric and Wood-Burning Sauna

Heating Units

V. KANGAS SAUNA HEATER VIEKKO KANGAS

WILLOWDALE ONTARIO

Phone (416) 222-7142

Congratulations from

#### ATLAS COPCO CANADA LTD.

57 Atomic Ave. **Toronto** 

Telephone - 259-1131

Suppliers of Compressed Air Equipment

# EN STAR

508 LAWRENCE AVENUE WEST LAWRENCE PLAZA - BATHURST & LAWRENCE

## Crunch Foods Ltd.



310 Steelcase Road East, Markham (Toronto) Ontario, L3R 1G2



Precision and custom machining tools, jigs, and fixtures

MACHINE & TOOL

ART ORCHANIAN TEL. 745-0125

104 KENHAR DRIVE UNIT 10



TEX-STYLE SHOE LACES . BRAIDS . ELASTICS

TIE UP WITH TEX-STYLE

TEXTILE MANUFACTURING CO. LIMITED 1384 DUFFERIN ST. TORONTO, ONT M6H 4C8 (416) 534-7967



Academic discounton many books!

WESTON, ONTARIO

180 Bloor St. West, Toronto:

TELEPHONE 922

#### DAGMAR CONSTRUCTION LTD.



2085 MIDLAND AVE. SCARBOROUGH, ONTARIO Telephone (416) 291-6461



425 ATTWELL DRIVE, REXDALE (TORDNTD), ONT TELEPHONE: (416) 677-3650, TELEX: 06-217882



CONRAD METAL SPINNING COMPANY LTD. Phone 233-9153

> 18 ADVANCE ROAD TORONTO, ONTARIO M8Z 2T4

## Honeywell

Honeywell Limited — Honeywell Limitee 740 Ellesmere Road, Scarborough M1P 2V9

## Je Olde

## Brunswick Hotel

The living room of the University fo Toronto. Night after night, we have a lot of fun. Introducing this year—special lunch at \$1.25-\$1.50 for students.

481 Bloor West



Drop it into our place.



ALLIED PHOTO SERVICES LIMITED

Dealers throughout Ontario.

PARTITION COMPONENTS

171 Dennison Street 495-6023

CONNOLLY MARBLE, MOSAIC & TILE COMPANY LIMITED

140 Ahswarren Road Downsview 638-5500



DON'S KARBELT

SPEED & CUSTOM
6 Bramsteele Rd
Brampton, Ont L6W 183
Phone 451-5000

## COUNSELOR CUSTOMS BROKERS

1608 THE QUEENSWAY • TORONTO 252-5861



ONTARIO'S LARGEST SOFT DRINK HOME DELIVERY SERVICE

TEL. 742-8760

Look for MIO in your supermarket



**BREGMAN & HAMANN** 

Architects Engineers and Planners

50 Gervais Drive Don Mills, Ontario M3C 1W2

Telephone- 416/449-7500



THE ASSOCIATION OF PROFESSIONAL ENGINEERS OF THE PROVINCE OF ONTARIO

1027 Yonge Street Toronto, Canada M4W 3E5 Telephone 416-961-1100



#### PRIORITY TRAVEL LIMITED

68 YONGE STREET, TORONTO, CANADA M5E 1L1 366-3519



Telephone 751-6272

The most Beautiful Homes of them All...

210 Midwest Road - Scarborough - Ontario



EXCLUSIVELY CONCERNED WITH VISCOSITY MEASUREMENT AND CONTROL FOR OVER 40 YEARS.

Available from: CAN-AM INSTRUMENTS LTD., 1938 Mattawa Avenue, Mississauga, Ontario. Tel.: (416) 277-4541 — (514) 484-4029

#### Industrial Technologies . . . .

Ontario Research works hand-in-hand with scientists and engineers from industry and government providing multidisciplinary scientific research, development and testing services on a contract basis.

Foundation

Ontario Research Sheridan Park Research Community Mississauga, Ontario, Canada L5K 1B3 Phone (416) 822-4111 or 279-9771



## Voighländer

#### BERKEY PHOTO (CANADA) LIMITED

70 Floral Parkway, Toronto, Ontario M6L 2C1 Telephone (416) 247–6294

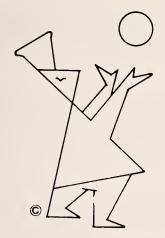
#### HARBOURFRONT COMMUNICATIONS

235 Queen's Quay West Students:

The Harbourfront Information Centre And Archives Are Here To Assist You Phone 369-4951

#### IRVINGS PLUMBING SUPPLIES

967 College Street 534-2338



# PIZZA

3391 Yonge St. 210 Bloor St. W.

923-2479

#### KIMBALL SYSTEMS

85 Advence Road 233-1135

#### TIROLER RESTAURANT & TAVERN

1115 Bay Street 923-7021

#### CANTERBURY FOODS

26 Le Page Court Downsview 638-0111

#### TRADE WINDS TRAVEL LIMITED

187 College Street 979-2731

# TOMENSON ALEXANDER LIMITED

ACTUARIES AND EMPLOYEE BENEFIT CONSULTANTS

\* \* \* \* \* \* \* \* \* \* \*

We are proud of our association with the University of Toronto and wish to extend our congratulations to the Engineering Society on the University's Sesquicentennial.

THE ENGINEERING DEPARTMENT OF

THE DE HAVILLAND AIRCRAFT OF CANADA, LIMITED

CONGRATULATES
THE
UNIVERSITY OF TORONTO ENGINEERING SOCIETY
ON THE OCCASION OF THE
UNIVERSITY
SESQUICENTENNIAL

As pioneers in Canadian Aviation we owe much to engineering graduates of the University of Toronto. We take this opportunity to recognize their contribution to the progress of aviation since the historic day in February, 1909, when John McCurdy lifted the Silver Dart from the ice of Bras d'Or Lake for the first flight in Canada.

The de Havilland Aircraft of Canada, Downsview

Best Wishes from

## **Rio Algom Limited**

120 Adelaide Street, W., Suite 2600, Toronto, Ontario

Compliments of

#### P.R. EQUIPMENT LTD.

Sole Canadian Manufacturers of BIRDSBORO BUCHANAN JAW CRUSHERS. Specialists in the primary crusher industry for over 20 years

PAUL GRIECO P. Eng 3T5
JOE GRIECO P. Eng 7T0
FRANK GRIECO

54 CUMMER AVE. WILLOWDALE, ONTARIO (416) 226-1114 M2M 2E4

#### JOHN INGLIS CO. LIMITED

"Congratulations and best wishes to our many friends and associates with the University of Toronto Engineering Society on the University's 150th anniversary."

John Inglis invites the interest of the university students in an outstanding manufacturing company.

University of Toronto Engineering Society

## The Drawing Centre

80 Royalcrest Road, Rexdale, Ontario M9V 4C1

a complete line of drafting supplies, equipment and reproduction services...

- Photo Reproduction Services
- Offset Printing and Bindery Facilities
- Creative Art Services
- Drafting Tables, Machines and Equipment
- Office Furniture and Supplies
- Perma Line DIAZO Reproduction Material
- Drafting Supplies and Sundries
- DIAZO White Printing and Auto Positives
- Drafting Films and Papers

Phone: 749-3970

# We are We are We are We are

## A ThePrinting House<sup>™</sup>

Engineer your next success with us. 23 locations serving Canadian industry.

#### LEADER STRUCTURES (TORONTO) LIMITED

125 Toryork Drive Weston, Ontario Telephone 741-3710

#### ALL BUSINESS MACHINES

85 Queen East 964-1747

#### GEOCON (1975) LIMITED

14 Haas Road 743-3031



Comstock International Ltd.
Constructors

C. J. Herbener Group Vice-President - Finance & Administration

2 St. Clair Avenue West Toronto, Ontario M4V IL9 Telephone (416) 962-4540

#### VIKING PUMP OF CANADA LTD.

5 Dennison Street 494-1866

#### **HUNGARIAN CASTLE**

471 Bloor Street West 929-3077

#### ARDEC ENGINEERING CONSULTANTS

1315 Yonge Street 924-6221

### H. C. BREITHAUPT MANAGEMENT SERVICES LIMITED

3642 Beechollow Cres. Mississauga 625-3632

#### TRE-STELLE CO. LTD.

595 Oster Ave. 669-1163



#### INSURANCE INSTITUTE OF ONTARIO

220 Bay Street 366-1601

THIRTEEN PLANTS IN CANADA
MANUFACTURING PRODUCTS FOR THE
TRANSMISSION, DISTRIBUTION AND
CONTROL OF ELECTRICAL ENERGY

## H. H. BUSH AND ASSOCIATES LIMITED Consulting Professionsal Engineers

1 Yonge Street, Suite 1738 Toronto, Ontario M5E 1E5 including electric heating products, Stab-lok circuit breakers, and panelboards, safety switches, switchgear, bus duct, transformers and ground protective devices.

#### GALAXY LEATHER GOODS

624 Yonge Street 923-7518

## FEDERAL PIONEER LIMITED



#### DOWIE DIAZO SALES LTD.

960 ALNESS ST., UNIT 23, DOWNSVIEW (416) 661 5980

†New and used whiteprint-blueprint machines

- †Moist and ammonia sensitized papers
- †Tracing and drafting supplies
- †Reproduction Services-whiteprints-mylars-sepias

INTRODUCING the . . . . . . . . . . . . . . . . . MODEL A.I.T. \* ECONOMY ADJUSTABLE DRAFTING TABLE

The first Canadian economy drawing board available with rock like stability and attractive design at a low cost.

#### SPECIAL FEATURES

30in to 40in height adjustment. 0 to 90 degree angle adjusment. Easy 10 minute assembly. Available in 3 board sizes. Adjustable levelling guides. Various accessories available.



\*developed and marketed by ENGINEERING EQUIPMENT, WESTON, ONTARIO.



464 Spadina Avenue Toronto Ontario M5T 2G8 (416) 961-8991

I2 NOON - I AM

PIZZA BURGERS

SUBS

FULLY LICENCED UNDER LCBO

TWO BANDS - TWO DANCEFLOORS

BEST LOCAL AND INTERNATIONAL

GROUPS

## Tien Long 龍天 Palacechinese

CHINESE DIM. SIM **BUSINESS MEN'S LUNCHEON** FAMILY DINING FAST TAKE OUT SERVICE

OPEN MON TRUE 11 AM TO 1, AM FRESAT 11 AM TO 2 AM SUN 11 AM TO MIDNIGHT Spicial 8 + 10-12 Course Dinner









BANQUET & PARTY FACILITIES 280 GUESTS

366-5411

457-459 DUNDAS W AMPLE PARKING

## Palmtronic F-7. It's really three calculators.

It's a scientific-engineering model designed to replace and improve upon your slide rule. It's a conversion calculator that will smoothen your transition to the metric system And it's handy for your more mundane needs, like balancing your checkbook It's the new two-memory

Palmtronic F-7, with features like

- · scientific notation to express results that exceed 8 digits
- conversion between Polar-Rectangular coordinates · conversion of squared, cubed
- dimensions fraction & parentheses keys that
- facilitate logical entry sequence

Where quality is the constant factor.



CANON OPTICS AND BUSINESS MACHINES CANADA LTD 3245 American Drive Mississauga, Ontario L4V 1N4 Telephone (416) 678-2730



#### **Evolution of Editoribus Toikus:**



It was previously thought that Editoribus Toikus (Ed. T.) was closely related to the African elephant, However ancient cave photos recently found in SF32 cast a new light on the matter.



#### **New Evidence**

It appears that Ed. T. evolved from a variety of fish found only at Hart House Farm.



This strange animal, half fish, half mammal, came to shore somewhere near the beginning of time, last September



Ed. T. in fact quickly took up the ways of dry land, for instance eating meat meals, although 3 courses had to be dropped.



Most recently Ed.T. has attempted to fly. This early attempt shows him learning skills in the negative z direction

It is not known whether any members of Editoribus Toikus are still surviving at this time.

# It's no good having

ashingle

## if you don't have a roof.

With a degree in hand, you're probably anxious to start your professional career. But your degree alone won't pay for the things you need to get established.

That's where the Royal Bank can help you With a loan of up to \$50,000 at a reasonable interest rate, we can help you get started

And because we believe in your earning power in the years to come, we can structure a repayment schedule to fit your needs—even defer the first payment if it will help you

To find out more, drop in to your nearest Royal Bank branch and ask for a copy of our new brochure entitled Financial Help for the



Graduating and Practicing Professionals Or talk to your Royal Bank manager who would be pleased to give you advice or information on the Professional Business Program



Eligible professions include Accounting — Chartered Accountant — C.A., Architecture — B. ARCH., Chiropractics — Doctor of Chiropractics — D.C., Dentistry — D.D.S., Engineering — B.ENG., Law — B.C.L., L.L.B., Medicine — M.D. Optometry — O.D., Pharmacy — B.Sc., PHARM. Veterinary Medicine — D.V.M.

### R. V. ALLSOP & ASSOCIATES (1971) LIMITED CONSULTING ENGINEERS

Postal Address: 175 Idema Road, Markham, Ontario Located near Steeles Avenue and Woodbine Avenue, Toronto Postal Code: L3R 1A9 Telephone: (416) 495-6684

#### W. B. Saunders Company Canada Limited

MEDICAL AND SCIENTIFIC PUBLISHERS

833 Oxford Street, Toronto, Ontario 251-3789

#### FORTUNE HOUSEWARES IMPORTING

388 Spadina Ave. 364-6999

#### Mobil

Mobil Chemical Canada, Ltd. Coatings Division P.O. Box 200 West Hill, Ontario M1E 4R6



#### PILOT INSURANCE COMPANY

90 Eglinton Ave. West, Toronto

Condor Auto Enterprises

Specialists in Rolls-Royce and Bentleys Restoration-Coach Repairs Complete Refinishing To Classic Cars

75 Glencameron Rd. Thornhill, Ont. L3T 1N8 889-4393

#### CRANE CARRIER CANADA LTD.

503 Carlingview Drive - Rexdale, Ontario - M9W 5H2 CABLE: CRANECAR - TELEX 06-968523 Phone: (416) 677-4490



JOHN SPOTTON COMPANY LIMITED

3211 Lenworth Drive, Mississauga, Ont. L4X 2G6 Telex 06-961109 Phone (Code 416) 625-6400

## CARRIERE

TECHNICAL INDUSTRIES LTD.

Plant and Offices: 196 Nantucket Blvd. Scarborough, Ontario M1P 2P3 Canada Telephone (416) 757-5103

## norman wade company

limited

Surveying, Drafting and Reprographic Equipment and Supplies

75 Milner Avenue Scarborough, Ontario M1S 3R7

Phone: 291-4211



Truck & Tractor Equipment Limited 2539 Dixie Road Mississauga, Ontario L4Y 2A1 (416) 277-2745



QUALITY SERVICE 31 Airview Road, P.O. Box 95 Rexdale, Toronto, Canada

#### YORK STEEL CONSTRUCTION LTD.

75 Ingram Dr. Toronto 385, Ontario. Phone 241-5283

## Evex IMPORTERS and DISTRIBUTORS INC.

HANDBAGS - LUGGAGE - LEATHER GOODS † EXPERT REPAIRS † - CARSON - BUXTON - SAMSONITE - DIONITE - RENWICK - SKYWAY - JETLINER - TILLEY - TRUNKS Enjoy Top Quality at LOWEST Prices Throughout the Year

369 SPADINA AVE. (south of College)

864-1776

OPEN TO THE PUBLIC AT DISCOUNT PRICES

CANADIAN SPECIALTIES DIVISION



DRESSER INDUSTRIAL PRODUCTS, LTD.

6688 Kitimat Road, Mississauga, Ontario L5N 1P8

IURS-JONES 225 STERLING ROAD TORONTO ONTARIO MER 282





TEL: (416) 832-2241 TELEX: 06-964549

JOACHIM WULFERS

VICE-PRESIDENT, SALES

EIRICH MACHINES LTD. P.O. BOX 550, MAPLE, ONTARIO LOJ 1E0 EIRICH MACHINES INC. 663 5TH AVENUE, NEW YORK, N.Y. 10022 H.H. ANGUS & ASSOCIATES LTD. **Consulting Professional Engineers** 

1127 Leslie Street Don Mills Ontario M3C 2J6

Tel: 449-5050

## **FENCO**

planning · engineering design project management



#### FENCO CONSULTANTS LTD.

Vancouver-Calgary-Edmonton-Hamilton-Toronto Ottawa-Montreal-Fredericton-Halifax-St. John's



CONSULTING TORONTO

ANDERSON **ASSOCIATES** ENGINEERS AND WELLAND

LIMITED **PLANNERS** THUNDER BAY



The leading supplier of service parts to the outomotive, marine and industrial fields

**David Durant** Controller

Res: 416-487-5640 Office: 416-244-5343



S. HUNTER, R.I.A. Secretary-Treasurer

MILNE & NICHOLLS LIMITED 275 Lesmill Road Don Mills, Ontario · 445-5670

WESTDALE SHIPPING LIMITED

1 PORT STREET EAST MISSISSAUGA ONTARIO L5G 4N1



Head Office: 438-6811

882 Progress Ave. Scarborough, Ontario Compliments of ...

CADILLAC PLASTIC (CANADA) LIMITED

91 KELFIELD ST., REXDALE, ONT. M9W 5A4



Ross Williams General Manager



ALBANY PLUMBING SALES LIMITED

1677 Aimco Boulevard, Mississauga, Ontario, Canada L4W 1H7 (416) 625-7280 / Order Desk (416) 625-7285 / Telex 06-961245

IAN HARDCASTLE LTD.

250 Bloor St. E.,

Toronto, Ontario

Phone: 924-5787



## the anti-noise people.

GRAHAM B. HIGGOTT

[416] 751-2380

A SUBSIDIARY OF ARMSTRONG JONES LTD. TORONTO OFFICE: 83 SUNRISE AVE., TORONTO M4A 181



MONCTON -

#### **Duron Ontario Ltd.**

William J. Mackay

Vice-President Duron Ontario Ltd. 180 Belfield Road Rexdale, Ontario

Telephone (416) 248-0111

BRAMPTON BRICK Limited

514 MAIN ST. NORTH BRAMPTON, ONTARIO L6V 1P9

CORROSION SERVICE COMPANY LIMITED

Corrosion Engineering Specialists

Toronto 10 Price Street M4W 1Z6

416-964-2230

MONTREAL

- SARNIA

STRAND CENTURY LTD.

6334 Viscount Rd. Malton 677-7130

**ASHLEY & CRIPPEN** 

200 Davenport Rd. 925-2222

BENSON SCHOOL OF DRIVING

2166 Danforth Ave. 694-0388

THE DICKENSON CROUP OF COMPANIES

390 Bay Street 361-0402



169 Eastern Ave., 363-8801 COMPLIMENTS CANRON LIMITED PIPE DIVISION



KENNEDY SPECIALTY FILLER, INC.

Suppliers of fine filler for Engineering Yearbooks for over half an hour.

We also do weddings, parties, and Chem labs.



#### n orseman plastics Lto

39 WESTMORE DR., REXDALE, ONTARIO M9V 3Y6 . 745-6980



#### CHARLES A. KENCH AND ASSOCIATES LIMITED

P.O. Box 279, Royal Trust Tower Toronto-Dominion Centre, Toronto, Ontario M5K 1J5

**ARCHITECTURAL** SCHOOL PRODUCTS LTD. 2200 Bromgroves Rd., Mississauga, Ontario.

Phone: 822-4287

LAKESHORE INDUSTRIAL HELP LTD.

3234 LAKESHORE BLVD, W TORONTO, ONTARIO M8V 1M1

ERIC ROUTH GENERAL MANAGER

TELEPHONE (416) 252-5959



#### **POWERS REGULATOR**

THE POWERS REGULATOR COMPANY OF CANADA LIMITED

15 TORBARRIE RD

TELEX 03-905649

DOWNSVIEW. ONT. M3L 1G6

(416) 249-3321

KAISER ALUMINUM

191 ASHTONBEE ROAD, SCARBOROUGH, ONTARIO M1L 2P2

#### PRC CHEMICAL CORPORATION OF CANADA LTD.

95 RIVALDA ROAD, WESTON, ONT., CANADA M9M 2M6



J. C. HASTINGS, P.Eng.

Consulting Engineer SUITE 201 - 801 YORK MILLS RD. DON MILLS, ONT., CANADA M3B 1X7



COMPLIMENTS OF

## Bovis Corporation

## Limited

Including The McNamara, Bohna, and Federal Equipment Companies

a member of the BOVIS GROUP (LONDON/ U.K.)

RIVERWOOD ENTERPRISES

37 CHAUNCEY AVE., TORONTO M8Z 2Z2

GLOBAL TELEPHONE SYSTEMS

3440 PHARMACY AVE., UNIT 17 AGINCOURT, ONT. MIW 2P8

TELEPHONE: (416) 497-7552

HEAD OFFICE 774 ST. PAUL STREET WEST MONTREAL, QUE. H3C 1M5

P.O. Box 132 TORONTO A.M.F.



677-8888 676-3663 676-3664

Westwood....Where Specials Are Special And Regulars Get Special Attention

Radio Equipped Cars . Express Freight Delivery Service

TORONTO: 239-3105 MONTREAL: 721-5956



THE CANADIAN HELMITIN COMPANY LTD. MANUFACTURER OF QUALITY ADHESIVES

95 - 99 SHORNCLIFFE ROAD

TORONTO, ONTARIO M8Z 5K7

F.H WELDING MACHINES LIMITED in association with THE TAYLOR WINFIELD CORPORATION

6701 REXWOOD ROAD, MISSISSAUGA, ONT. L4V 1M7

416-678-7884 MACHINERY FOR WELDING, METAL FORMING, AND INDUCTION HEATING. HOLDEN AND HUNT SPOT AND BUTT WELDERS.

ONTARIO PANTS SHOP

COLLEGE STREET TORONTO, ONTARIO M6H 1A4



Tel. 536-5606

Mike & Stanley

CONSULTANTS IN POWER PLANT

D. GORDON CHAMPION, P.ENG.

D. G. CHAMPION ENGINEERING LIMITED

(416) 869-0883

SUITE 1000 11 ADELAIDE ST., WEST TORONTO M5H 1L9

Theatrical, Architectural, Television Lighting Equipment and Controls

AMP

tainment and amusement value.

AMP of Canada Ltd.

20 ESNA PARK DRIVE MARKHAM, ONTARIO L3R 1E1.

KOREH HOUSE

666 Bloor St. West Toronto, Ontario, M6G 1L2 Canada

CHOL HO CHANG

TEL. 536-8666

STRAND CENTURY LIMITED

A COMPANY WITHIN THE RANK ORGANIZATION

6334 VISCOUNT ROAD . MALTON, ONTARIO

Canadian Broadcasting Corporation

Radio-Canada

Société

Engineering Heedquerters 7925 Cote St. Luc Roed Montreel, Ouebec, Cenade H4W 1R5 (514) 488-2551

Le Siège de l'Ingénierie 7925, chemin de le Côte St-Luc Montréel, Québec, Cenede H4W 1R5 (514) 488-2551

Capriccio Restaurant

Authentic Italian Food

LICENSED - WINE & BEER

marshall

OPEN: TUES, TO SAT. 5-11 SUNDAY 5-10

580 COLLEGE ST.

TEL. LE. 5-2229 AIR CONDITIONED

CLOSED MONDAY

Head office 275 Duncan Mill Rd. Don Mills, Ont.

Branch offices Cambridge Guelph

Hamilton

Consulting Engineers - Surveyors - Planners | Kitchener

macklin monaghan

**Burgess & Huggins, Limited** Morrison, Hershfield,

Theakston & Rowan Limited

Consulting Engineers

Morrison, Hershfield,

**TORONTO** 

CIVIL, STRUCTURAL, AGRICULTURAL **EDMONTON** SNOW CONTROL STUDIES GUELPH

**Roberts Company Canada Limited** 

Subsidiary of Champion International

2070 Steeles Avenue Bramalea, Ontario. L6T 1A7 Tel. 791-4444 Telex 069 7556 NATURAL FOODS & SUPPLEMENTS 0 Hours.
0 10 - 6 Daily
10 - 9 Thurs & Fr.

Kingsley R. Owen, B.Arch., MRAIC

Sweet's Catalogue Services McGraw-Hill Information Systems Company of Canada Limited

Scarborough, Ontario M1P 2Z5

330 Progress Avenue

Telephone 293-1931

Tough's

2571 victoria park ove - 491-6844

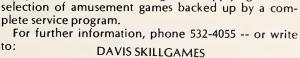
Open 11 a.m. to 10 p.m.

961-1824

Korona Restaurant

Hungarian -- European delicious food Espresso coffee

OWNERS
GIZELLA & STEVE (at Brunswick)
FESU'S TORONTO, ONTARIO



Box 6708 Terminal A Toronto, Ontario M5W 1A0

DAVIS SKILLGAMES

PINBALL MACHINES are well known for their enter-

In addition, PINBALL MACHINES can prove to be a significant source of funding for Student Association.

The revenue sharing arrangement is based on the Student Association providing a suitable location for the equipment and Davis Skillgames supplying a wide

Telephone: (416) 677-7130





Chief Architect

Area Code 416

Compliments of

ITT

V.K. Mason Construction Ltd.

**General Contractors** 

TORONTO 485-8621

OTTAWA 521-4880 WINNIPEG 453-9049

**BEST WISHES** 

U. of T.

**ENGINEERING SOCIETY** 

**MOLSON'S** 



Proudly Canadian Since 1786.

**Best Wishes** 

to

U.of T. ENGINEERING STUDENTS

from

**INDUCON** 

CONSULTANTS OF CANADA LIMITED

111 Railside Road Don Mills

445-6600

#### A. C. WILD LIMITED

Toronto, Stoney Creek, Calgary 80 Signet Road 741-7311

#### GOLD'S LUGGAGE SHOP

186 Queen St. W., Toronto (just west of University) Phone 366-6469



COLONNADA

Tel. 921-1933

HAIR STYLIST

6 CHAIRS HAIR COLOURING - MANICURE PERMANENTS 131 SLOOR ST. W. at Avenue Road MAIN ELECTRICAL SUPPLIES

680 St. Clair West 653-4120



"ENGINEERED SEALING"

423 Green Road, Stoney Creek Box 3248, Postal Station "G" Hamilton, Ontario L8H 7L3

SAI WOO RESTAURANT 123A Dundas St. W. Toronto, Ontario Phone: 363-7646

Finest Chinese Foods

ROBERT HALSALL AND ASSOCIATES LTD.



CONSULTING ENGINEERS 20 HOLLY STREET, TORONTO 7, ONT.. (416) 487-5256

Beaver Lumber Co. Ltd. has 13 stores to serve you in and around Metro Toronto, plus hundreds more across Canada. Your local Beaver store has "Everything you need to make it on your own". Beaver stores stock lumber, building supplies...everything for the do-it-yourselfer. The helpful staff at Beaver are waiting to assist you.

Compliments of

Spruce Falls Pulp & Paper Company Limited

Mill at Kapuskasing, Ontario

2 Carlton Street, Toronto, Ontario Telephone: 868-0211





Labatis



23 Westmore Drive, Suite 400, Rexdale, Phone: (416) 745-0311 - Telex: 06-965569 Ontario, Canada M9V 3Y7

Manufacturers of Air Moving Equipment and Pollution Control Systems

**CONSULTANTS OF** CANADA LIMITED

INDUCON

111 Railside Road Don Mills

445-6600

#### DILWORTH SECORD MEAGHER & ASOCIATES LTD

Consulting Engineers Studies/Design/Management Nuclear Environmental Aerospace Test Facilities Industrial

4195 Dundas Street West Toronto M8X 1Y4

416-239-3011

#### NATE'S SCRAP METALS

CASH PAID FOR

Iron, Steel, Copper, Brass & Metals Prompt and Clean Pick ups

33 Vinci Crescent Downsview, Ont.

Phone 633-6026

#### ABSO BLUE PRINTS LIMITED

**Drafting Supplies** Oce White Print Equipment

525 Logan Ave. Toronto, Ont. M4K 3B3

461-0364



#### SAVE 30 to 40% on installed cost of steam supply and condensate return lines.

by using pre-insulated and jacketed Dekatrace 2100

Dekatrace offers personnel protection, lower installation costs, uniformity, better weather and corrosion resistance. Ready to install in coils up to 1000 ft. long. Send for complete information.



SHAW FLEXIBLE TUBES LIMITED
A DIVISION OF SHAW PIPE INDUSTRIES LTD.

25 Bethndoe Road, Rexdale Ontano M9W 1M7 (416) 743-7111



we build every type of building



130 bloor street w, toronto, ontario m5s 1n5

## **BRENMAC**

CHEMICALS INC.

1220 ELLESMERE RD. SCARBOROUGH, ONT.

SPECIALISTS WITH

**CLARKE FLOOR MACHINES BRENMAC FOR SALES BRENMAC FOR SERVICE** 

WE PICK UP AND DELIVER FOR A COMPLETE LINE OF JANITORIAL SUPPLIES CALL (416) 291-6224

#### **ENGINEERED TO BE FIRST**

#### FIRST TO BE ENGINEERED

WHETHER IT IS A ROOM, A HOME, AN OFFICE OR SHOPPING COMPLEX, AN AIRPORT OR THE LARGEST COMMUNICATION TOWER IN THE WORLD—CARRIER HAS THE EQUIPMENT AND THE KNOWHOW TO AIR CONDITION IT BETTER, MORE ECONOMICALLY, FOR LONGER

CALL YOUR CARRIER MAN

HE IS IN THE YELLOW PAGES

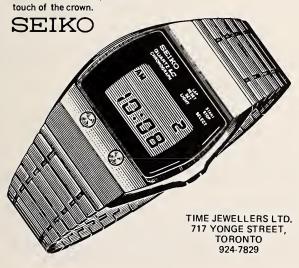


#### THE NO. 1 AIR CONDITIONING MAKER

CARRIER EASTERN DISTRIBUTORS CARRIER ONTARIO DISTRIBUTORS CARRIER WESTERN DISTRIBUTORS MONTREAL, QUEBEC CITY, HALIFAX, MONCTON, OTTAWA TORONTO, HAMILTON, LONDON, SUDBURY CALGARY, WINNIPEG, REGINA, EDMONTON, VANCOUVER

#### HERE'S THE LAST WORD IN QUARTZ WATCHES. THE SEIKO DIGITAL QUARTZ LC CHRONOGRAPH.

Continuous readout of the time and the date. Turns into a stopwatch at a



## **KOHLER**

Lennox-Saunders Inc.
Canadian Distributors for Kohler Plumbing Products.
1875 Leslie Street, Don Mills, Ontario
Telephone (416) 449-3171

CARAVELLE BIDET ... ROCHELLE TOILET: Companion fixtures for the sophisticated bathroom. Exciting contemporary styling, bold sweeping lines, the best in advanced design. Caravelle complements designs of Kohler's newest toilets and is available in all of Kohler's deeptone and pastel colors, including new Black Black. Its design features include faucet handles located on a recessed shelf at the rear of the fixture, and hidden supply lines and working parts. User sits astride the bowl facing hot and cold water controls to wash the perineal region.





#### WETMORE WELDING SUPPLIES LIMITED

3500 WOLFEDALE ROAD MISSISSAUGA, ONTARIO L5C 2V6



ROOF DECK & METAL CLADDING DIVISION

#### UNIVERSAL SECTIONS LIMITED

60 ESNA PARK DRIVE, MARKHAM, ONTARIO PHONE (416) 495-6433 TELEX 610-492-4373

TOOLING FOR THE TUBING INDUSTRY



#### WALTER SZUKALO

NE 3229 Wolfedale Rd., Mississauga, Ont. L5C 1V8 (416) 270-4641 Telex: 06-961140

(416) 255-7729

#### DIECO COMPANY

III ORENDA ROAD, BRAMPTON, ONT.

459-8712

DIETER SCHMITT PRESIDENT



and Partners Limited

#### Consulting Engineers

59 Mobile Drive Toronto, Ontario M4A 1H8

(416) 751-3733

#### Athenian Garden DINING LOUNGE

2919 Derry Rd. E. Malton, Ont. Phone: 67 I-1774

Carlo Bryce General Manager

Compliments of

#### PITFIELD CONSTRUCTION LIMITED

Nathan Godfrey Jack Singer

66 Newcastle Street, Toronto M8Y 1A4 Telephone 416-251-1381



OF CANADA

ERIC MACDONALD

TEL. BUS. (416) 661-3536 HOME (416) 485-0176



208 DOLOMITE DRIVE DOWNSVIEW ONTARIO M3J 2N2



APEX PROCESS SYSTEMS LTD.

1599 SEDLESCOMB DR., MISSISSAUGA, ONT. L4X 1M4

J. G. Hoppen

Bus. 625-3600



Ogilvie Consultants Limited

Alan F. Ogilvie B.A.Sc. P.Eng. 23 Croydon Road Toronto 10. Ontario Canada (416) 781-7820



#### ANDREW

ANDREW ANTENNA COMPANY LTD. 606 Beech Street Whitby, Ontario, Canada, L1N 5S2

## HAWKER SIDDELEY CANADA LTD.



7 KING STREET EAST. TORONTO, ONTARIO M5C 1A3 362-2941

## **wat**i

lay-out advertising-art packaging printing

495-9900

600 Denison Street Markham, Ontario L3R 1B9

etc SYSTEMS INC.

92 Carrier Drive, Rexdale, Ont. M9W 5R1 Telephone (416)675-1335

#### T.J. **C**CSEDI + associates LTD.

Consulting engineers 1181 Finch Avenue West, Downsview, Ontario. M3J 2E8 Telephone (416) 636-7700

W. T. (WOODY) WOODYATT

459-6112-3

he mug

**Davis Controls Ltd** 

TORONTO, ONTARIO MBX 1Y3

TEL. 416/233-3211 TELEX 06-967684

3 STAFFORD DR.

WOODYATT

BRAMPTON, ONT. L6W 1L3

TEL.531-8888



#### **Bunting Wardman Limited**

Municipal Engineers, **Development Consultants** 

Suite 108, 200 Consumers Rd., Willowdale Ontario M2J 4R4 Telephone (416) 494-130%



AUTOMOTIVE & INDUSTRIAL PARTS & FASTENERS KEYS & KEY MACHINES HARDWARE SPECIALTIES

#### PHONE (416) 678-1457 TELEX 06-968566 TELEPHONE (416) 782-9445

#### RIFE NEWS CO. LTD.

31 CONSTELLATION COURT, (TORONTO) REXDALE, ONTARIO

IMPORTERS AND DISTRIBUTORS OF FOREIGN LANGUAGE GREETING CARDS ITALIAN MAGAZINES AND SUNDRIES

> 124 CARTWRIGHT AVE. TORONTO, ONTARIO M6A 1V2

#### TARLING MAP MOUNTING COMPANY

DIVISION OF LANGRIDGE LIMITED MAPS FOR ALL PURPOSES MAP AND PLAN MOUNTING

83 RIVER ST., TORONTO, CANADA M5A 3P4 TELEPHONE (416) 366-1168

KENNETH CLARKE

JOE GABAY

Allan D. Grant

Toronto, Canada

Director Confectionery Sales

William Neilson Co. Limited 277 Gladstone Avenue

GENERAL SALES MANAGER

BRAUKMANN CONTROLS COMPANY LTD. 5601 STEELES AVE. WEST WESTON, ONT. M9L 2T1 TELEPHONE (416) 749-8491

781-4469

1796 EGLINTON AVE. W TORONTO, ONTARIO M6E 2H7

#### CHAS NOBLE CLOTHES

SUITS BLAZERS SHIRTS

BERNARD GRAHAM

FORMAL RENTALS

(416) 534-6592

M6J3L9

## al wright's

**BICYCLE and SPORTS** 

1708 Avenue Road Toronto

## e. w. petzold limited

PROFESSIONAL SURVEYORS

87 IRONDALE DRIVE, WESTON, ONT. M9L 256 BRANCH OFFICES - BRAMPTON & RENFREW

E. W. PETZOLD, B.Sc., O.L.S., P.ENG.

PRESIDENT

745-4711

#### EDUARD PHILIPPS LIMITED

MECHANICAL CONTRACTORS

678-1618 ED. PHILIPPS

2857 DERRY Ro. E. MALTON, ONTARIO L4T 1A6

& COMPANY LIMITED WYCO PRODUCTS 2040 ELLESMERE RD., SCARBOROUGH, ONT. MIH 3A8

#### GORE & STORRIE LIMITED

CONSULTING ENGINEERS 1670 BAYVIEW AVENUE TORONTO, ONTARIO M4G 3C2



#### The Proctor & Redfern Group

75 Eglinton Avenue East, Toronto M4P 1H3 Telephone (416) 486 · 5225

SUB-MARINERS **DIVING EQUIPMENT** 

- SEARCH & SALVAGE
- AIR STATION
- **PROFESSIONAL** TRAINING
- **BOAT CHARTERS**

962 Wilson Ave. Downsview, Ontario 630-2590

#### **FASHION GRILLES DIVISION**

of Ram Partitions Limited



**TELEPHONE** (416) 661-9281



DISPATCH BRAMPTON TORONTO SERVING

451-5210 763-3531

TORONTO - BRAMPTON - BRAMALEA AJAX - ACTON - CONCORD GEORGETOWN - INGLEWOOD MISSISSAUGA - PICKERING TRANSPORT LTD. LICENSED METROPOLITAN TORONTO

CARTAGE AGENTS



111, AVENUE RD., TORONTO, ONTARIO (416) 924-7401

ENGINEERS OF UNIVERSITIES

CONSULTING ENGINEERS/TORONTO/LONDON/TIMMINS

#### THE KLEINFELDT GROUP

Consulting Engineers

7665 Hurontario St.

Brampton

Tel. 451-3966

Bus. 362-5777

#### **PEARSON Hydraulic Press Brakes**

Capacities from 50 tons to 2000 tons Manufacturers of Hydraulc Shears and Presses PEARSON MACHINE TOOL CO. LTD.

48 Six Point Rd.

Toronto Ontario M8Z 2X2

Telephone 239-3091

259 Lakeshore Blvd, East Toronto, Ontario M5A 3T7

**PLATINUM** LABWARE

PTX EXHAUST PURIFIERS

REFINERS & FABRICATORS OF PRECIOUS METALS **ENGELHARD** 

INDUSTRIES OF CANADA LTD.

512 King Street East

Toronto

362-3211

#### Langridges

Main Store 83 River Street Toronto, Ontario M5A 3P4

Arcade Store 74 Victoria Street Toronto, Ontario



Head Office: 245 Dalesford Road Toronto 18, Ontario Phone (416) 259-5423 Telex:06-967550

Toronto-Montreal-Winnipeg-Edmonton-Vancouver

#### **CANADIAN-BRITISH**

ENGINEERING CONSULTANTS(1971)LIMITED Toronto/Ottawa/Niagara Falls/Port Colborne **ENGINEERS AND PLANNERS** 

> Ever think of yourself as a corporation?

In many ways you and your family are like a small corporation. You earn money, spend it, acquire assets, and sometimes you have to sit down and go over the books to make sure your little corporation is heading in the right direction. Your ManuLife man sees you as a corporation, too. And he can sit down with you, and your lawyer and your financial planner to discuss plans from simple life insurance to total estate planning. And he knows how to implement them into your overall financial plans.

If you're not thinking of yourself as a corporation, maybe it's time you did.

## Manu∕

The Manufacturers Life Insurance Company Head Office: Toronto, Canada

Thinking with you

## Harvey's ...

# The year 'round place to eat.





Telephone (416) 366-1168 Telex No. 065-24190

Engineering Supplies
Drafting Equipment And Accessories
Drafting Tables And Stands
Engineering Plan File Cabinets
Copy Reproduction Services
Prospectors Tools And Mining Smallwares
Product Catalogues On Request

Main Store 83 River Street Toronto, Ontario M5A 3P4 Arcade Store 74 Victoria Street Toronto, Ontario COMPLIMENTS OF

# McLean, McMurchy and Biason

ONTARIO LAND SURVEYORS

Box 310 Brampton, Ontario Phone 451-0460

Box 67 Bolton, Ontario Phone 857-0541

Donald P. McLean, O.L.S. Bruce I. McMurchy, O.L.S. Ernest Biason, B.A.Sc., P.E., O.L.S.

Compliments of PRO-ENG BUILDERS LTD. P.O. Box 244 Streetsville Tel. 270-0747	Compliments of FLAMINGO HEALTH STUDIOS  22 Main St. N. 457-4445
NATIONAL LASER PRO. LTD. 10211 Yonge St. Toronto Tel. 226-1181	Compliments of PHILLIPS PLANNING & ENGINEERING LTD.  3215 Queen Elizabeth Way Burlington, Ont.  Tel. 335-2353
SCHAEFER SYSTEMS INTERNATIONAL 3130 Universal Dr. Mississauga Tel. 625-5150	Compliments of COUNTRY LEATHER FAIR  856 Eglinton W. 789-5710
CANADIAN BLOWER/CANADA PUMPS LIMITED  HEAD OFFICE & FACTORY KITCHENER, ONT.  TORONTO BRANCH OFFICE 1560 BAYVIEW AVE.	JHF J.H. FODEN LIMITED Electrical & Air Conditioning Contractors  15 Oakland Avenue, Weston, Ontario 742-7400
MINED STORAGE LIMITED  PLANNERS, ENGINEERS AND OPERATORS OF UNDERGROUND STORAGE FACILITIES  300 UNIVAC BUILDING, 55 CITY CENTRE DRIVE MISSISSAUGA, ONTARIO, L5B 1M3 TELEPHONE (416) 270-7435  TELEX: 06-961317	DELOITTE, HASKINS & SELLS Chartered Accountants  3200 Royal Trust Towers  Tel. 863-1315
Compliments of WORTHINGTON PUMP  4180 Dundas St. West Toronto Tel. 239-4881	UNGER Division of ELDON INDUSTRIES OF CANADA  50 Prince Andrew Place 449-2866
C.B. BELL COMBUSTION  Emdleton Road Huttonville Tel. 457-3355	Compliments of DISCO DUCT  Ductwork for "dance" floors  332 Highway 401 421-1111
JOHN C. HURLBURT LIMITED  121 Willowdale Ave. Toronto, Ont. 223-0369	Compliments of MASDOM CORP. LTD.  83 Sunrise Ave. Toronto Tel. 751-2380

#### VARLEY & ATKINS

Jewellery Manufacturers 193 YONGE ST. - TORONTO 205, ONT.

#### SPAR aerospace products Itd.

825 Caledonia Rd. Toronto, Ontario Canada M6B 3X8



INFORMATION & TRAVEL CENTRE



Phone: 698-2561

3216 Danforth Avenue SCARBOROUGH, ONT. M1L 1C1

#### CONSTRUCTION LIMITED

PETER SHISHKOV, P.Eng., C.E.Q., M.E.I.C. PRESIDENT & GENERAL MANAGER

LEAGUES - BOWLING PARTIES

1199 KENNEDY ROAD, SCARBOROUGH, ONTARIO 755-9226

1185 LAKESHORE ROAD EAST MISSISSAUGA : ONTARIO PHONE 275-3400 LEE IGI

MILWAUKEE ELECTRIC TOOL (CANADA) LTD.

383 Midwest Road Scarborough, Ontario, Canada M1P 3A6



#### Texas

Steak House & Cabern

2458 DUNDAS HWY, WEST & WOODCHESTER DRIVE MISSISSAUGA, ONTARIO

Telephone 822-2264



CONSUMERS GLASS COMPANY LIMITED 777 KIPLING AVENUE, TORONTO, ONT. M8Z 5G6

## sayvette

A DIVISION OF ZEHRMART LIMITED

10 Housey Street Toronto, Ontario M5V 2T5 362-1771

GEORGE A. ROWLAND & ASSOCIATES

Barristers & Solicitors 2389A Bloor St. W., Toronto, Ont. M6S 1P6 Telephone 766-3443



#### Ingersoll-Rand

DAVID LIM SALES ENGINEER PROCESS & INDUSTRIAL SALES

255 LESMILL ROAD DON MILLS, ONTARIO M3B 2VI

416-445-4470

#### ASTROCHROME CRANKSHAFT TORONTO LIMITED

440 BIRCHMOUNT RD. SCARBOROUGH, ONTARIO, CANADA M1K. 1M9

#### C. D. CARRUTHERS & WALLACE CONSULTANTS LIMITED

34 GREENSBORO DR., REXDALE, ONTARIO M9W 1E1

THE CANADIAN CHROMALOX COMPANY, LIMITED

210 REXDALE BLVD. REXDALE, ONT. M9W 1R4

engineers & planners

architects 200 adelaide west toronto, ont. M5H 1W7 416-361-1588

shield and sword

inns limited

260 Queen Street East **Brampton Ontario** tel. 459-0313

55 Rooms Newly Decorated Commercial Rate Available

Compliments of VARTA BATTERIES LTD.

4 Lansing Square



494-1457

Compliments of I.B.I.

40 University Ave. 6th Floor Toronto, Ontario

**Best Wishes** CORROSION SERVICE CO. LTD.

10 Price St.

Tel. 964-2230

CHINESE PALACE RESTAURANT LTD.

150 Dundas West

Toronto

Tel. 363-6237

Compliments of DONALD CONSTRUCTION LTD.

25 Davidson Rd.

Brampton

667-7428

PANIC BUTTON EQUIPMENT

480 South Service Road Mississauga 274-1533

Compliments of ABBEY FURNITURE

1724 Queen St. W.

Phone 533-6938

Compliments of R. TABB WHOLESALE Plastic Garbage Bags

465-2304 For Fast Delivery

Compliments of SASCO DUCT

777 Fenmar Dr.

Weston

Tel. 742-6140

COLOUMBIA FINISHING MILLS LTD.

1262 Don Mills Rd.

230 Yorkland Blvd.

449-1880

Compliments of RICHARD & B.A. RYAN

78 Logan Ave.

Toronto

Tel. 461-0791

TOTAL OFFICE SYSTEMS LTD. Photo Copiers

Calculators Dictation Equip.

Willowdale

MACCAFFERRI GABIONS OF CANADA LTD.

797 Don Mills Rd. Toronto Tel. 429-3380

URQUHART & HUGHES DIAMONDS LTD.

36 Overlea Blvd.

Tel. 421-2920

Tel. 493-3575

**BRADSIL LIMITED** 

General Contractors

204 Richmond St. W.

Toronto Tel. 863-9504

FLUOR CANADA LTD.

P.O. Box 119

Tel. 864-9430

Commerce Court

Toronto, Ont.

Telex 06-22856

#### Many Thanks To ...

C & B ORNAMENTAL IRON 154 Brentworth Ave. 781-4626

WEST YORK ENGRAVING 1619 Eglinton Ave. East 781-3998

> GOWDEN PARSONS 1510 Birchmount Road 759-2271

TORONTO CARTON COMPANY 44 Rolark Drive Scarborough 291-4411

HAIR BEAUTY & ESTHETIC CLINIC 1043 Avenue Road 488-3725

PRE-FAB PRODUCTS CANADA LTD. 150 Toro Road Downsview 630-6633

MERRICK, YOUNG, MERRICK & CANNINGS 38 Prince Arthur Ave. 964-3331

> DUFFERIN CONCRETE 2700 Dufferin Street 789-2671

METRO HEAT TREATING CO. LTD. 45 Lucy Ave Scarborough 699-3443

NIRO ATOMIZER CANADA LTD. 701 Evans Ave. Suite 22 622-1305

> C.T.M. SERVICES 200 Steelcase Road 495-0149

WEST INDIAN FOOD FAIR 10 MacDonnell 531-8548

SCOTTY'S VARIETY & GIFTS 1303 Bloor West 531-0296

> ERSILIO GARAGE 35 Wabash Ave. 536-6600

NATIONAL LOOSE LEAF DEVICES LIMITED 43-45 Bertal Road 763-5221 BARON MOVING & WAREHOUSING LTD. 7 Kenhar Drive, Weston 742-3544

> BLACK FOREST STEAK HOUSE 2622 Eglinton Ave. East 267-6781

> > PLATON RESTAURANT 1978 Yonge Street 488-7116

DIESEL TECHNIC COMPANY 28 Jutland Road 251-2585

SENECA WIRE OF CANADA 254 Centre Street East Richmond Hill 889-7316

> METAL KOTING LTD. 1430 Martin Grove Rd. Rexdale, Ont.

BRUNT METAL PRODUCTS LTD. 235 Belfield Road Rexdale 249-8444

> CLOVERDALE MALL 250 The East Mall 236-1668

NORANDA METAL INDUSTRIES LTD. 975 Martin Grove Road 241-4451

> ACADEMY RESTAURANT 433 Yonge Street 364-8644

LUIGI ROSS SERVICE CENTRE 1245 Davenport Road 532-5912

COLOSSEUM NO. I RESTAURANT & TAVERN 372 Yonge Street 597-0222

CHRISTOPHER BEACOM LTD. HAIRSTYLING SALONS 2588 Yonge Street 485-4677

CANADIAN URSUS RUBBER LTD. 86 Doncaster Ave. 889-3835

TRAVELWAYS SCHOOL TRANSIT 120 Doncaster Ave. Thornhill 226-4804 LIRUMA VARIETY Liruma Plaza Mississauga 822-4175

ACROW CANADA LIMITED BRIDGING DIVISION 110 Belfield Road Rexdale 249-8697

> PAXAM METALS 335 Eddystone Ave. 742-7360

THORCO CONTRACTING LIMITED 1700 Midland Ave. Scarborough 751-8747

COM-BAT
BATTERY SERVICES LIMITED
5819 Campus Road
Mississauga
677-7445

ECHLIN UNITED 500 Carlingview Drive Rexdale

UNITED CASUALTY AGENCIES 696 Yonge Street 924-1454

CHAMROY CHEMICALS LIMITED 620 Wilson Ave. Downsview 635-9810

FACETS MEDICAL ENGINEERING 118 Burnhamthorpe Road Islington 978-4841

YORKDALE SHOPPING CENTRE Yorkdale Road & 401 789-3261

> DYMENT LIMITED 36 Overlea Blvd. 421-2920

#### Many Thanks To ...

COMPUTER MACHINERY CO.
PERTEC CORP.
34 Continental Place
Scarborough 291-3707

PETER DEROCHE PHOTOGRAPHY 355-5 Porterfield Cres, Thornhill 889-4271

> NICKELODEON TAVERN 279 Yonge St. Dundas Square 362-1453

> > HOWDEN PARSONS 1510 Birchmount Rd. 752-7310

NATIONAL CHEESE CO. 170 Rivermede Rd. 669-9393

PRINT-IT INSTANT PRINTING 2161 Lawrence East 752-0082

> ALLAN G. WANDS 111 Richmond Suite 408 363-5735

EDRICH CONSTRUCTION CO. LTD. 8 Elizabeth North Port Credit 274-3605

> HIGH PARK LABORATORY 2140 Bloor West Suite 1 763-1473

MR. RASHID 719 Yonge St. Suite 202 924-1502

STAN GRAHAM INSURANCE CO. 1711 Victoria Pk. Ave. 755-5210

CALUMET PLASTICS CANADA LTD. 105 Milvan Drive 749-0730

> MUTUAL BROKERS LTD. 165 The Queensway 259-6348

HIGHLAND CREEK ANIMAL HOSPITAL 396 Old Kingston Rd. West Hill 284-9247

> ANGIE'S COFFEE SHOP 161 Harbord St. 923-2052

CENTENNIAL COLLEGE APPLIED ARTS & TECHNOLOGY 651 Warden Avenue 694-3241 CAFE GABRIELLA 607 Yonge St. 967-5662

MASTER'S BUFFETERIA 310 Bloor West 924-7651

> FIRST EDITION 2 Bloor East 961-7564

THE DONUT SHOP 689 Yonge St. 925-5221

KENLEA ENTERPRISES 289 Horner Rd. 251-7635

PAPAL MISSION SOCIETY 2661 Kingston Rd. 266-7904

> DR. R. FORDE 22 Josaly Drive 284-8224

NORTH POLE BAKERY 1210 Danforth Ave. 466-6435

> NECTAR DESIGN 97 Niagara St. 368-9163

VICTORIA & GREY TRUST CO. 2262 Bloor West 763-4677

> G & S BURGER 55 Dundas East 279-3561

FISHER & PORTER CANADA LTD. 134 Norfinch Drive Downsview 633-9810

> MODERN WAY CASTINGS 405 Ormont Drive 749-3530

BELL SPORTS LTD. 578 Gordon Baker Drive Willowdale 497-4422

CHRISTIE ELECTRONICS 287 Christie St. 535-9515

DOUGLAS WOODALL & SONS LTD. 40 Danforth Rd. 698-3198

LEEDS NORTHING CANADA LTD. 41 Constellation Court Rexdale 677-4740 CUMMINGS ONTARIO LTD. 150 North Queen Etobicoke

MOTION PICTURE LABORATORY AND SOUND STUDIO 344 Jarvis St. 921-2137

> H. YOSHIDA CO. SILK SCREEN PRINTING 11 Brentworth Ave. 787-5075

EXCALIBUR INTERNATIONAL 1522 Clearwater Drive Miss, 278-1545

HARRISON GLASS & MIRROR CO. LTD. 305 Iroquois Ave. Miss. 274-3416

> MARINOS FIAT 3480 Lakeshore Blvd. West 259-6381

CANADIAN ADVANCED AIR 35 Clarkson Ave. 783-3304

EUROPE RECORD STORE 408 Bloor West 922-8739

BRITEX 76 Sherry Rd. Scarborough 755-7851

> DR. S. ROSEN 1620 Dufferin St.

ROMA PRINTING 2637 Eglinton West 653-3447

THE NEW YORK TIMES 150 Graydon Hall Drive Don Mills 445-5764

NATIONAL RUBBER CO. LTD. 394 Symington Ave. 763-4381

J. T. DONALD & CO. LTD. 35 Crockford Blvd. Scarborough 751-5230

COLORAMA PRINTING 54 Sunset Trail Weston 742-2442

CANVAS SPECIALTY 225 Mac Pherson St. 921-4171

ISAAC'S BAKERY 3831 Bathurst St. 635-1027

#### Many Thanks To ...

CANADIAN AIR COMPRESSOR LTD. 84 Queen Elizabeth Blvd. 251-5269

> BUXTON & DAWES LTD. 1701 Dundas West 534-3849

INTERNATIONAL WAXES 50 Salome Drive Agincourt 293-4151

COUNTRY STYLE RESTAURANT 450 Bloor West 537-1745

> HAL MOORE & SON LTD. 1030 Burnhamthorpe Rd. 270-6441 279-3795

> > DELAROSA LTD. 94 Cumberland Street 920-9737

> > CORPUS RESEARCH 6 Crescent Rd. 920-8560

BEAK CONSULTANTS 6970 Goreway Drive 671-2600

CAPPUCCINO ITALIAN FOOD Hudson Bay Centre 2 Bloor East 960-0809

> U. S. M. LTD. 24 Mobile Drive 751-6943

COUNTRY FAIR BOUTIQUE 856 Eglinton West 789-5710

DESIGN DIE MACHINE CO. 3801 Dundas West 769-0809

ELM TAVERN 171 College St. ELM FLAMEBURGER 338 Huron St. 979-2486 979-2489

> F. C. MALTMAN & CO. LTD. 60 St. Clair East Suite 600 925-5131

ANTHES EQUIPMENT LTD. 2465 Cawthra Rd. Miss. 270-9600

> STE-ALCO LTD. 1756 Matawa Miss. 277-2761

A, CALABRESSE & SONS LTD. 6435 Kingston Rd. West Hill 282-2054

2001 RECORDS & STEREO CENTRE 753 Dovercourt Rd. 536-7130

> MESAM SUPPLY CO. LTD. 85 Glen Cameron Rd. 889-9540

CROWNFAB OF CANADA LTD. 2380 Royal Windsor Drive 822-3417

HAMILTON GEAR & MACHINE CO. 950 Dupont St. 534-8401

ENGINEERED STRUCTURES P. O. Box 40 Unionville 297-3440

HAZEL'S BOUTIQUE & HAIRSTYLIST 1067 Bathurst St. 533-0574

> A S E A LTD. 3350 American Drive 677-0630

YKK ZIPPER CANADA LTD. 240 Supertest Road 661-3181

BUTCHER ENGINEERING LTD. 120 Orenda Rd. 459-3030

> LEO AWIN JEWELLER 229 Yonge St. 366-5919

ONTARIO HARDWOOD PRODUCTS LTD. 45 Ernest Ave. 535-3191

> CLEAN-A-CAR SERVICES 2813 A Dundas West 762-2833

> > FREEMAN SIGNS 4699 Keele St. 661-9200

HOTEL WAVERLEY 484 Spadina Ave. 921-2141

INTERNATIONAL ENVIRONMENTAL CONSULTANTS 5233 Dundas West 236-1077

HOWARD CHAPMAN/ARCHITECT 416 Moore Ave. 425-1234 J. CHEFERO SAND & GRAVEL Maple, Ont. 889-2897

FRED SCHAEFFER & ASSOCIATES 465 Wilson Ave. Downsview 635-5424

ERNEST MARMUREK CONTRACTING LTD 64 Maxwell Street Downsview 633-0489

> DINO'S GARAGE 1250 Dupont St. 533-9433

NATIONAL LOOSE LEAF DEVICES 45 Bertal St. 763-5221

> YORKVILLE PRESS 1792 Birchmount Scarborough 291-7951

RAPID CIRCUITS LTD. 26 Torlake Cres. 252-6276

CHEMAGRO LTD 1355 Aerowood Miss 625-5280

MACEDO SUPERMARKET 1032 Bloor West 535-6567

ST. GEORGE MEAT MARKET 1203 St. Clair West 652-0084

INGEBORG'S ART & CRAFT SHOP 2171 Danforth Ave. 691-6953

> NORTON STEEL CO. LTD. 11 Vanley Cres. 638-3735

S. E. YOUNG RESEARCH LABORATORIES 250 Adelaide West 362-5286

> CENTENNIAL MACHINE 1 Golden Gate Court 291-3066

KROLL'S AUTO SERVICE 6098 Kingston Rd. West Hill 282-5689

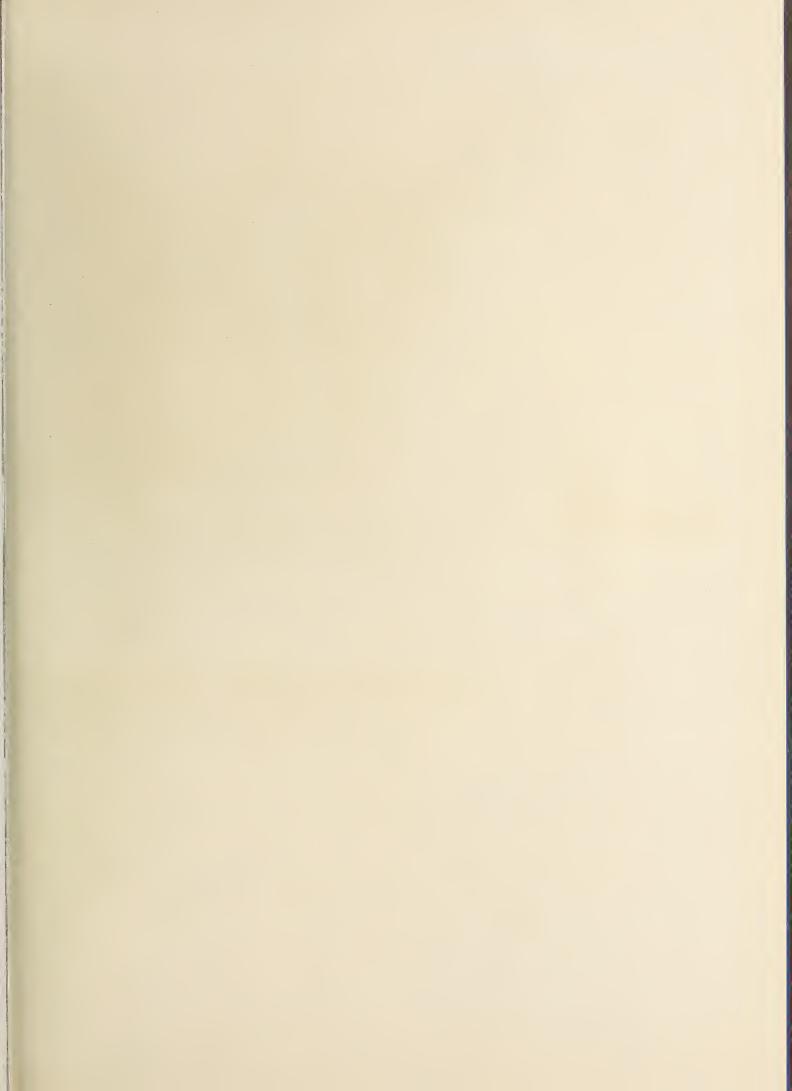
COSC PLUMBING & HEATING LTD. 1645 Sismet St. Unit 14 625-3741

> THE BAGEL 285 College St. 923-0171



## Goodnight Helen

Many thanks to all those who helped out, and to the friends and parents who had to put up with Yearbookism.







Many of us came from finding things
Easier than people to understand
Some of us leave resolved not to forget
That Engineering by itself is nothing
But for those same people.

You'll be building some of the things I'll have to use,
Please remember that,
And when you're plugging numbers
Into your design equations
Plug some people in too.
I'll try to do the same for you.